

**From:** "arnold, kathy" <kathy.arnold@tetratech.com>  
**Sent:** Mon Jan 14 2008 19:12:28 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** FW: Tetra Tech Announcement - Kathy Arnold  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev -

Just thought that I would let you know that I have moved jobs - David (my boss) sent out notices to my clients, but I get to tell my friends J. I think it's going to be really exciting to be more involved with Rosemont and less worried about billable hours and other clients.

Great meeting the other day by the way. I got a very nice note from Jeanine Derby about the tours - I really appreciated it.

See you next time!

Kathy

Kathy Arnold | Senior Environmental Engineer

Cell: 520.820.7773 | Main: 520.297.7723 | Fax 520.297.7724

Tetra Tech  
3031 West Ina Road | Tucson, AZ85741 | [www.tetratech.com](http://www.tetratech.com)

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From: Krizek, David [mailto:David.Krizek@tetratech.com]  
Sent: Monday, January 14, 2008 2:20 PM  
To:

Subject: Tetra Tech Announcement - Kathy Arnold

I am sending this email as a "public service" announcement to inform you that Kathy Arnold will be resigning from Tetra Tech and joining Rosemont Copper Company. Beginning February 1st, she will hold the title of Director of the Environment and Regulatory Affairs. Augusta Resource Corporation (now Rosemont Copper) has been a large client of ours, with Kathy being the main client contact.

Kathy joined Tetra Tech (via Vector Arizona) in 2005 and has been a big part of our success here in Tucson. The good news is that she is not going far. Although Kathy will put her "operations" hat back on, she will continue to work out of the Tucson Tetra Tech office. This allows us ample time to transition her projects to other members of our team while still having the option of consulting with Kathy as needed.

Please join me in congratulating Kathy on her new position.

Sincerely,

David Krizek | Principal

Main: 520-297-7723 | Mobile: 520-260-3490 | Fax: 520-297-7724

Tetra Tech

3031 West Ina Road | Tucson, AZ85741 | [www.tetratech.com](http://www.tetratech.com)

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**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Tue Jul 21 2009 10:02:07 EDT  
**To:** kathy arnold <karnold@rosemontcopper.com>;beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** RE: Fw: Meeting on Reclamation Plan  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Kathy and Bev:

Any news on this? Will there be a meeting sometime soon?

Debby

Kathy Arnold <karnold@rosemontcopper.com>  
06/23/2009 02:53 PM

To  
Beverley A Everson <beverson@fs.fed.us>, Debby Kriegel <dkriegel@fs.fed.us>  
cc  
Jamie Sturgess <jsturgess@augustaresource.com>, "David.Krizek@tetrattech.com"  
<David.Krizek@tetrattech.com>, "Jamie.Joggerst@tetrattech.com" <Jamie.Joggerst@tetrattech.com>  
Subject  
RE: Fw: Meeting on Reclamation Plan

Bev –  
I forwarded Debby's request to David for an update and haven't heard back from him. We are going to have some internal meetings to discuss status and progress before the end of the month and I would like to see how those go before I push him too much. Let's have an informal discussion at the meeting on the 30th.

Cheers!  
Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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From: Beverley A Everson [mailto:[beverson@fs.fed.us](mailto:beverson@fs.fed.us)]  
Sent: Tuesday, June 23, 2009 2:46 PM  
To: Debby Kriegel  
Cc: Kathy Arnold  
Subject: Re: Fw: Meeting on Reclamation Plan

Kathy, can you give Debby and I an update on what your thoughts are on the next meeting and scheduling? Thanks.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Debby Kriegel/R3/USDAFS  
06/17/2009 02:48 PM

To  
Kathy Arnold <[karnold@rosemontcopper.com](mailto:karnold@rosemontcopper.com)>  
cc  
Beverley A Everson/R3/USDAFS@FSNOTES  
Subject  
Fw: Meeting on Reclamation Plan

Hi Kathy,

Just wondering whether your team (Sage & Tetra Tech) are planning to meet with us sometime soon.

Please keep me posted. Thanks!

~~~~~  
Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
www.fs.fed.us/r3/coronado/  
dkriegel@fs.fed.us

----- Forwarded by Debby Kriegel/R3/USDAFS on 06/17/2009 02:41 PM -----

Debby Kriegel/R3/USDAFS  
06/03/2009 11:23 AM

To  
Kathy Arnold <karnold@rosemontcopper.com>  
cc  
Beverly A Everson <beverson@fs.fed.us>, "Krizek, David" <David.Krizek@tetrattech.com>, mbidwell@swca.com, Debby Kriegel/R3/USDAFS@FSNOTES  
Subject  
Re: Meeting on Reclamation PlanLink

Kathy,  
  
If your team isn't ready to present their work yet, then Meeting after the 15th will be fine.

My availability that week:  
Monday, June 15: available from 11 am until 3 pm.  
Tuesday, June 16: available only before 9 am (note: I'm usually in the office by 7)  
Wednesday, June 17: Bev can let you know if I will need to be at a core team meeting this day. If there's no meeting, I'd be available all day.  
Thursday and Friday, June 18 & 19: available any time.

At our meeting on May 7, Joy and David asked for evaluation criteria and affected environment input from SWCA for tomorrow's meeting. I'm reviewing Marcie Bidwell's draft evaluation criteria today, and hopefully she can send this to you within a day or so. The affected environment section is expected by the end of this month.

Thanks.

Debby Kriegel, RLA

Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

Kathy Arnold <[karnold@rosemontcopper.com](mailto:karnold@rosemontcopper.com)>  
06/03/2009 10:45 AM

To  
"dkriegel@fs.fed.us" <[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)>  
cc  
Beverley A Everson <[beverson@fs.fed.us](mailto:beverson@fs.fed.us)>, "Krizek, David" <[David.Krizek@tetrattech.com](mailto:David.Krizek@tetrattech.com)>  
Subject  
Meeting on Reclamation Plan

Debbie –  
I spoke with David yesterday regarding a meeting on the Reclamation Plan items and based on the work that has been completed I think that we would be better off not meeting this week. I have forwarded your shape files to David for consideration and will chat with him either this afternoon or early next week. I propose that we review the possibility of meeting the week of the 15th so that some forward momentum will be made prior to sitting down for discussion as I understand you are unavailable next week.

Regards,  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
[karnold@rosemontcopper.com](mailto:karnold@rosemontcopper.com)

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu May 08 2008 14:24:55 EDT  
**To:** "marty rozelle" <rgl97marty@rozellegroup.com>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "sue lewin" <slewin@lewin-associates.com>; "faye fentiman" <ffentiman@fs.fed.us>; "john able" <jable@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: Draft Script for 5/12 Meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Marty and Sue,

Following are some notes by Faye regarding the Elgin facility set up.

Tom

"Room will be set up theater style with 120 chairs and two sets of bleachers, for a total of 250 seats. Note that state fire regulations limit the number of people we can accommodate at any one time to 300. We will be cognizant of this and monitor traffic accordingly. Seats will be arranged facing the stage with a wide aisle around the entire configuration (room for tables 2-6, on the entrance/washroom side should we decide to provide them. There will be a wide center aisle to accommodate speakers moving to and from the podium. The podium will be situated center floor, facing the line officers and the audience.

The safety plan used for the April 23rd event will serve in this instance as well. Note: The school asked that media vans also park in the gated area with the FS vehicles.

Ample space is available for booth outside the venue. Electricity is available. Please keep the area directly in front of the doors and a path to the entrance clear.

The available sound system is excellent. Two wireless microphones (one anchored to the podium and one available for the moderator and FS staff) will be available. We have the capability to turn off either or both microphones as needed.

Note: There will be no power point presentations. FS staff – please model the behavior you wish to see (ie: keep presentations brief (3 min) and to the point; use available technology).

We will keep track of public presenters using randomly distributed, numbered speaker cards (SWICA) to produce. Speaker order will be indicated on a white board (John).

Set-up will begin at 3 PM at the school. (Faye & John – site visit report)"

From: Marty Rozelle [mailto:rgl97marty@rozellegroup.com]  
Sent: Thursday, May 08, 2008 6:44 AM  
To: 'Beverley A Everson'; Tom Furgason  
Cc: 'Sue Lewin'  
Subject: Draft Script for 5/12 Meeting

Good morning!

Attached is the script/agenda that we can use during our 12:30 call. I guessed at who will be attending from the team. We need two additional people who can man the sign-in table. They will have to stay there at least 1 hour after the start time.

Marty

Dr. Martha A. Rozelle, President  
The Rozelle Group Ltd.  
7000 N. 16th Street, Suite 120, #145  
Phoenix, AZ85020  
T 602.224.0847 F 602.678.4655  
RGL97marty@rozellegroup.com

"And in the end it's not the years in your life that count. It's the life in your years." Abraham Lincoln

**From:** brian lindenlaub <blindenlaub@westlandresources.com>  
**Sent:** Tue May 27 2008 22:40:18 EDT  
**To:** 'beverley a everson' <beverson@fs.fed.us>  
**CC:** "karnold@augustaresource.com" <karnold@augustaresource.com>; "tfurgason@swca.com" <tfurgason@swca.com>  
**Subject:** RE: Feb. 2008 Second Revision electronic version  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

That CD and the additional hard copies of the "compact" MPO and infrastructure plan are set to be run over to your office first thing in the morning. We will certainly be happy to provide SWCA with a copy of the CD as well.

Regards,  
Brian Lindenlaub | Principal  
WestLand Resources, Inc.

-----Original Message-----

**From:** Beverley A Everson [mailto:beverson@fs.fed.us]  
**Sent:** Tuesday, May 27, 2008 6:13 PM  
**To:** Brian Lindenlaub; karnold@augustaresource.com; tfurgason@swca.com  
**Subject:** Feb. 2008 Second Revision electronic version

Hi Brian,

When we met on Sunday you said that you would get an electronic version of the Feb. 2008 Second Revision of the MPO maps and diagrams to me. Could you also provide a copy to SWCA?

Thanks so much, and again for your time on Sunday meeting with me to go over MPO submissions.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

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unauthorized and may be illegal.

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue May 27 2008 21:13:20 EDT  
**To:** brian lindenlaub <blindenlaub@westlandresources.com>;karnold@augustaresource.com;tfurgason@swca.com  
**CC:**  
**Subject:** Feb. 2008 Second Revision electronic version  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Brian,

When we met on Sunday you said that you would get an electronic version of the Feb. 2008 Second Revision of the MPO maps and diagrams to me. Could you also provide a copy to SWCA?

Thanks so much, and again for your time on Sunday meeting with me to go over MPO submissions.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue May 13 2008 21:10:51 EDT  
**To:** keith I graves/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Layne Pump Rig  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Keith, please see the email correspondence below, and let me know if you approve of this change. I will forward the attachment that Kathy references here (I deleted it when I responded to her original email so as not to keep that big file going back and forth).

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 05/13/2008 05:59 PM -----

Kathy Arnold <karnold@augustaresource.com>  
05/13/2008 05:56 PM

Please respond to  
karnold@augustaresource.com

To  
'Beverley A Everson' <beverson@fs.fed.us>  
cc

Subject  
RE: FW: Layne Pump Rig

Bev –  
The rig is the pump service rig and is smaller than the drill rig. The drill rig will move off to allow the pump

rig to have access.

Cheers!  
Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@augustaresource.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | www.rosemontcopper.com

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From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, May 13, 2008 5:27 PM  
To: karnold@augustaresource.com  
Subject: Re: FW: Layne Pump Rig

Hi Kathy,

I assume the rig you're talking about is the pump service rig that is labeled as such in the descriptions; is that correct? How does this rig compare in size to the drill rig?

Will the drill rig and the pump truck be on the site at that same time?

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Kathy Arnold  
<karnold@augustaresource.com> To  
'Beverley A Everson'  
05/13/2008 04:47 <beverson@fs.fed.us>  
PM cc

Subject  
Please respond to FW: Layne Pump Rig  
karnold@augustaresource.com

Bev -

Just got this from Jim Davis at Montgomery. It appears that they would like to use the pump truck rather than the drill rig to install the pumps at the wells that will be monitored. Do you have a problem with this equipment substitution? A picture of the truck is in the attached file (after the first few safety acknowledgement pages).

Thank you -  
Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724 [karnold@augustaresource.com](mailto:karnold@augustaresource.com)

**From:** "van reed" <van@zonge.us>  
**Sent:** Thu Jan 03 2008 16:46:27 EST  
**To:** ""beverley a everson" <beverson@fs.fed.us>; ""bruce mackenzie" <brucemack@worldnet.att.net>; ""keith l graves" <klgraves@fs.fed.us>  
**CC:** ""craig w. beasley" <cwbeasley@wavegeophysics.com>; ""mike clarke" <mclarke@augustaresource.com>  
**Subject:** Rosemont IP/NSAMT Zonge Survey  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Field work for this geophysical survey was completed on December 22nd. Geophysical equipment and receiver wire used on the grid were removed by the crew on the 22nd.

Transmitter wire and current/high-voltage electrodes used for the transmitter dipole were removed from the field during the week of Dec 24th .

Zonge Engineering has completed the ground geophysical work program. If there are any questions, please contact me.

Best Regards,

Emmett V Reed (Van), Managing Geophysicist

Zonge Engineering & Research Organization

3322 E. Fort Lowell Road

Tucson, ArizonaUSA85716

Voice:1 (520) 327-5501 Fax:1 (520) 325-1588

EMAIL: van@Zonge.us

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed Jun 25 2008 19:53:41 EDT  
**To:** andrea w campbell/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;erin m boyle/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;tami emmett/r3/usdafs@fsnotes;walter keyes/r3/usdafs@fsnotes;john able/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;thomas skinner/r3/usdafs@fsnotes;randall a smith/r3/usdafs@fsnotes;maria a mcgaha/r3/usdafs@fsnotes;geneen granger/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes;jeanine derby/r3/usdafs@fsnotes;tfurgason@swca.com;jmivor@swca.com;kpohs@swca.com;jconnell@swca.com;mrecihard@swca.com  
**CC:**  
**Subject:** July 1 and 2 meetings  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Everyone,

This is to let you know that the July 1st meeting will be held at the Hotel Arizona, from 1:00 to 4:00, in the Ocotillo Room.

I have the following people signed up for the July 2 field trip:

Bill Gillespie  
Salek Shafiqullah  
Tami Emmett  
Walt Keyes  
John Able  
Bev Everson  
T. A. Ciapusci  
Larry Jones  
Tom Skinner  
Jeanine Derby  
Reta Laford  
Erin Boyle

Tom F., I think that you told me that you, John McIvor, Keith Pohs and Jeff Connell would all be attending the field trip, but please confirm.

Reta, is Geneen Granger going to be attending the field trip?

If I've missed anyone who's planning to attend the this trip, please let me know.

Field trip participants should wear field gear including good walking boots, and sun protection (hats, sun screen, long sleeves), and should bring plenty of water. Lunch will be provided for the group and we will be eating at Hidden Valley Ranch after the site visit. We will leave from the east side of the Federal building promptly at 8:00, and will be returning between 2:00 and 2:30. Vehicles are reserved to accomodate everyone. We'll be traveling caravan style, stopping at milepost 44 on Hwy 83 for an overview of the Rosemont project, then going into the project area from there.

Feel free to contact me if you have any questions about the meetings.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest

July 1 and 2 meetings

300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Jun 27 2008 20:18:56 EDT  
**To:** eli curiel/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;tami emmett/r3/usdafs@fsnotes;walter keyes/r3/usdafs@fsnotes;john able/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;maria a mcgaha/r3/usdafs@fsnotes;mary m farrell/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes  
**CC:** tfurgason@swca.com;mreichard@swca.com;keith l graves/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;erin m boyle/r3/usdafs@fsnotes;randall a smith/r3/usdafs@fsnotes;thomas skinner/r3/usdafs@fsnotes;rachel condon/r5/usdafs@fsnotes;michael a linden/r3/usdafs@fsnotes;mark e schwab/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**Subject:** Rosemont Copper Project team field trips  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Everyone,

Although the PIL has not yet been signed for the Rosemont Copper Project, most of you on this mailing list are or will be involved in some capacity with the project (particularly those in the "to" line). The following field trips are scheduled for the project to help those of us involved with it (again primarily the "to" line folks) to understand the operation and reclamation that Rosemont Copper Company is proposing, and to facilitate team building. Your attendance on the trips is important to the project and strongly encouraged by the FLT. Field dates and destinations are as follows:

Tuesday July 15 – Tour of Tyrone Reclamation (ridge and valley) – this tour will leave from the TTT Truck Stop at 7:00 am and stop for lunch in Lordsburg on the way home  
Wednesday July 23 – Tour of the Rosemont Site  
Wednesday July 30 – Tour of Safford Leach Facilities (lined leach pad – new processing facilities)  
Wednesday August 6 – Tour of Silver Bell SX-EW (similarly sized SX-EW plant) and Mineral Discovery Center and Asarco's Mission Facility (overview of processing)  
Wednesday August 13 – Tour of San Manuel Area Reclamation (landform concept)  
Wednesday August 20 – Tour of Sierrita Facilities (if needed)

Please contact me if you have questions about these trips.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**Subject:** Rosemont Copper Project (project, or Rosemont Mine) status meeting between Coronado National Forest (CNF) personnel, Rosemont Copper Company (RCC) representatives and consultants, and SWCA Environmental Consultants (SWCA)

**Date:** December 3, 2007

**Location:** Coronado National Forest Supervisor's Office

**Attendees:**

Jeanine Derby, CNF Supervisor  
Bev Everson, CNF Geologist and Rosemont Project Leader  
Andrea Campbell, CNF National Environmental Policy Act (NEPA) Coordinator  
Jamie Sturgess, Rosemont Copper Company (RCC)  
Gordon Cheniae (retired Bureau of Land Management, liaison between RCC and Federal government)  
Tom Euler, SWCA  
Melissa Reichard, SWCA  
Tom Ferguson, SWCA  
Jim Davis, Errol L. Montgomery and Associates, Inc.  
Brian Lindenlaub, Westland Resources

**Meeting Summary:**

The CNF has completed its review of RCC's proposals for geophysical and aeromagnetic surveying in and around the Rosemont Copper Project area. It was determined that authorization under a Plan of Operations was not necessary for the activities due to the lack of significant impact to surface resources.

After completing its review of the Rosemont Mine Plan of Operations (MPO) in October 2007, the CNF requested map and diagram revision, and hydrologic data and other technical information, to supplement the MPO. A portion of that information has been received by the Forest, and some of it is still outstanding. RCC has stated that the remainder of the requested information will be submitted to the Forest later in the week. Once all the information is received, it will be distributed for review by the specialists that requested it. It is the desire of CNF staff that National Environmental Policy Act (NEPA) analysis for the Rosemont Copper Project can be initiated in January or early February. The timing for initiating the analysis is, however, dependent upon receipt of all pertinent information from RCC, completion of specialist review of that information, staffing, and any unforeseen circumstances that may impact scheduling. A **tentative schedule** for the project was discussed as follows:

January 10, 2008: a meeting between Forest Service personnel and RCC to discuss the status of the Rosemont Mine analysis, and review of MPO supplements and revisions.

January 24, 2008: Completion of MPO review, subject to RCC submitting all requested revisions and supplements to the MPO.

January – February, 2008: Notice of Intent for the initiation of NEPA analysis for the Rosemont Copper Project to the Federal Register.

February through March, 2008: Public comment opportunities via various formats.

RCC is currently conducting a drilling program within the pit limits to further distinguish areas of waste vs. ore, and drilling to the north of the pit in a possible extension of the Rosemont ore body beyond a significant fault zone. Consultants for RCC (Tetra Tech, Inc.) will be initiating new water quality sampling in the project area after the beginning of the year. RCC also hopes to begin installing test planting plots in the project area in early 2008.

(Summary prepared by Bev Everson, December 20, 2007)

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Dec 20 2007 18:27:28 EST  
**To:** jeanine derby/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;jsturgess@augustaresource.com;gcheniae@cox.net;george mckay/r3/usdafs@fsnotes;teuler@swca.com;mreichard@swca.com;tfurgason@swca.com;jmacivor@swca.com;jdavis@elmontgomery.com;blindenlaub@westlandresources.com;beverley a everson/r3/usdafs@fsnotes  
**CC:** faye fentiman/r3/usdafs@fsnotes  
**Subject:** December 3, 2007 meeting summary  
**Attachments:** meeting\_summary\_12\_03\_07.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Attached is a brief summary of the 12.03.07 meeting between the Rosemont Copper Company, SWCA and the Coronado NF. Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305



United States  
Department of  
Agriculture

Forest  
Service

Coronado National Forest  
Supervisor's Office

300 W. Congress  
Tucson, Arizona 85701  
Phone (520) 388-8300  
FAX (520) 388-8305  
Deaf & Hearing Impaired 711

File Code: 1950-3  
Route To: (2820-6)

Date: July 25, 2008

Subject: Interdisciplinary Team Project Initiation Letter for Rosemont Copper Project EIS  
To: Interdisciplinary Team

With this letter, I am establishing the agency interdisciplinary team for NEPA review of the Rosemont Copper Project proposed by the Rosemont Copper Company for implementation on the Nogales Ranger District. (See Attachment A – Interdisciplinary Team Identification and Responsibilities)

My selection of team members reflects the disciplines that I believe are appropriate to the nature of the project and the results of scoping efforts conducted to date (40 CFR 1502.6, FSH 1909.15(11) and (12.1)). As planning progresses and other needs are identified, I may change assignments and/or identify additional members.

Individual members are recognized for the knowledge and degree of experience they can contribute to this effort. I consider each of you to be an expert in your field. I have also considered the interpersonal skills each member brings to the team, as well as your ability to effectively communicate about your area of expertise and to collaboratively conceptualize and solve problems. (FSH 1909.15(12.12))

With this letter, I am also defining my behavioral expectations of the interdisciplinary team. Team members are to conduct themselves in a manner that furthers the spirit of the NEPA. You are to be professional in all matters related to this project, internally and externally. I expect team members to advocate for their areas of expertise and to collaborate with other team members when developing mitigation for alternatives. Advocating personal values and opinions will not be tolerated.

I expect a dedicated commitment to this project as a Forest priority. You will need to work independently at times as well as participate in team trainings, meetings, field trips, and reviews. You will be expected to cooperate fully with SWCA Environmental Consultants, which I selected to provide third-party NEPA consulting services for this project. You are also to communicate and coordinate with other agencies and entities as appropriate. If there are questions regarding external relations, you are to confer with the team leader and external communications manager.

Records of external communications are to be made and given to the interdisciplinary team leader and external communications manager in a timely manner, regardless of the communication method (e.g., email, letter, phone, or in person). Where there is uncertainty about the content of a communication, you are to confer with the team leader and external communications manager before providing a response.



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Written and verbal requests for documented information are to be handled as a FOIA request. Release of non-solicited documented information is also to be handled as a FOIA request and coordinated through the interdisciplinary team leader. Using the FOIA to guide the release of materials is not intended to hinder public involvement. It is to ensure that material covered by a FOIA exemption is not inappropriately released as well as to help us identify materials that others may be interested in so that we may post these materials to the web.

Similar to the FOIA exemption for documented material, I expect team deliberations to be kept internal with appropriate confidentiality. I consider this essential to foster a safe and open environment for candid discussions among team members.

In Attachments 2 through 4, I have further framed my expectations of you as they pertain to coordination with SWCA Environmental Consultants, the NEPA process, and the project timeline.

I define success for this project as an environment where team members:

- Value and draw upon the unique contributions each member brings to the project
- Work together to effectively advance the planning efforts
- Sincerely consider external input
- Openly dialogue about the project's beneficial and adverse effects
- Contribute objectively to the analysis
- Further the spirit of NEPA
- Complete timely staff work
- Promote a safe work environment
- Look out for the health and well-being of each other

I also define success for this project as a transparent planning process that takes a hard look at all the information presented, regardless of its source, and results in a credible and clearly written analysis document and decision that is consistent with law, regulation, and policy.

This assignment is to be viewed as a contract between us. If, at any time, you cannot objectively and/or timely perform the duties assigned, you are to contact me for resolution or recusal.

Congratulations, and welcome to the team!



JEANINE A. DERBY  
Forest Supervisor

Attachments

cc: SWCA Environmental Consultants, Coronado National Forest Leadership Team,  
Southwestern Region Director of Lands and Minerals, Southwestern Region Director of Planning  
and Watershed, Rosemont Copper Company



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I also define success for this project as a transparent planning process that takes a hard look at all the information presented, regardless of its source, and results in a credible and clearly written analysis document and decision that is consistent with law, regulation, and policy.

This assignment is to be viewed as a contract between us. If, at any time, you cannot objectively and/or timely perform the duties assigned, you are to contact me for resolution or recusal.

Congratulations, and welcome to the team!

*/s/ Jeanine A. Derby*  
JEANINE A. DERBY  
Forest Supervisor

Attachments

cc: SWCA Environmental Consultants  
Coronado National Forest Leadership Team  
Southwestern Region Director of Lands and Minerals  
Southwestern Region Director of Planning and Watershed  
Rosemont Copper Company

## Attachment 1 Interdisciplinary Team Identification and Responsibilities

I, Forest Supervisor Jeanine Derby, am the Responsible Official for the Rosemont Copper Project EIS. In this capacity I have identified four categories of interdisciplinary team participation to support the planning efforts for Rosemont Copper Project EIS:

- Interdisciplinary Team Agency Management Oversight
- Interdisciplinary Team Core Members
- Interdisciplinary Team Extended Members
- Interdisciplinary Team Support Members

I have also noted SWCA Environmental Consultant counterparts to the interdisciplinary team to facilitate coordination.

### Interdisciplinary Team Agency Management Oversight

Agency management oversight includes direction, guidance, quality control, and compliance. *Table 1 – Agency Management Oversight*, identifies the Forest staff assigned management oversight responsibilities. These individuals will meet as needed with the interdisciplinary team leader to address emerging management needs, opportunities, and/or concerns.

***Table 1 – Agency Management Oversight***

| Forest Service Role                | Agency Position, Employee                              |
|------------------------------------|--------------------------------------------------------|
| Responsible Official               | Forest Supervisor, Jeanine Derby                       |
| Process Management                 | Deputy Forest Supervisor, Reta Laford                  |
| Planning Project Management        | Ecosystem Management and Planning, Teresa Ann Ciapusci |
| External Communications Management | Communications Team, John Able                         |
| NEPA Management                    | NEPA Compliance /FOIA Officer, Andrea Campbell         |
| NFMA Compliance                    | Forest Planner, Jennifer Ruyle                         |

The process manager provides strategic direction and guidance. The project manager provides tactical direction and guidance consistent with the strategic framework provided by the process manager. The project manager is also expected to monitor quality control and compliance.

The external communications manager leads tactical external communication actions within the strategic framework provided by the process manager and the tactical framework provided by the project manager. Management of external communications will be in consultation with the interdisciplinary team leader. External communications are to improve public awareness and understanding about the project, facilitate meaningful public involvement, and build long-term relationships.

The NEPA and NFMA managers provide direction and guidance for their respective areas and are expected to monitor quality control and compliance.

*Table 2 – SWCA Management Oversight*, identifies SWCA staff identified to provide management oversight for their employees working on this project.

***Table 2 – SWCA Management Oversight***

| <b>SWCA Role</b> | <b>SWCA Employee</b> |
|------------------|----------------------|
| Project Leader   | John MacIvor         |
| Project Manager  | Tom Furgason         |

### **Interdisciplinary Team Core Members**

*Table 3 – Core Team*, identifies agency staff assigned as core team members for this project as well as their SWCA counterparts. Core team members are those individuals who will be actively involved in managing the NEPA process in addition to representing their areas of expertise with oversight and review responsibilities. They are responsible for ensuring procedural compliance with NEPA and relevant law, regulation, and policy. They will steer the interdisciplinary effort through team meetings and other integrated actions. They will bring extended team members into the process at times appropriate for representation of affected resource areas. I intentionally limited the number of core members to six, based on my belief that smaller core teams tend to be more effective than larger core teams.

The interdisciplinary team leader will direct team operations. Team leader duties include, but are not limited to: prioritizing project tasks, scheduling activities and meetings, managing meetings, monitoring work progress and quality, setting deadlines, and record management.

***Table 3 – Core Team***

| <b>Role</b>                                          | <b>Forest Service</b>               | <b>SWCA</b>                   |
|------------------------------------------------------|-------------------------------------|-------------------------------|
| Interdisciplinary Team Leader / Team Project Manager | Geologist, Beverley Everson         | John MacIvor<br>Tom Furgason  |
| Transportation /Engineering                          | Engineer, Walter Keyes              | Ralph Ellis                   |
| Geology                                              | Geologist, Beverley Everson         | Jerome Hesse                  |
| Hydrogeology (Ground Water)                          | Hydrologist, Salek Shafiqullah      | TBD sub consultant            |
| Hydrology (Surface Water)                            | Hydrologist, Salek Shafiqullah      | TBD sub consultant            |
| Light (Night Skies)                                  | Landscape Architect, Debby Kriegel  | Kristen Cox                   |
| Minerals (Administration)                            | Geologist, Beverley Everson         | Jerome Hesse                  |
| Recreation                                           | District Ranger, Keith Graves       | Marcie Bidwell                |
| Social and Economic Environments                     | District Ranger, Keith Graves       | Jeff Connell<br>Cara Bellavia |
| Scenery Resources, incl reclamation                  | Landscape Architect, Debby Kriegel  | Marcie Bidwell                |
| Soils                                                | Hydrologist, Salek Shafiqullah      | Jerome Hesse                  |
| Vegetation Resources, incl reclamation               | Wildlife Biologist, Deborah Sebesta | Geoff Soroka                  |
| Wildlife Resources                                   | Wildlife Biologist, Deborah Sebesta | Ken Kartell<br>Geoff Soroka   |

## Interdisciplinary Extended Team Members

*Table 4 – Extended Team*, identifies agency staff assigned as extended team members for this project as well as their SWCA counterparts. I have identified a large number of extended team members so as to draw on the expertise of many individuals while reducing the impact that this project might have on any one individual. Extended team members will be involved in the planning process at points appropriate to represent the resource areas they have been assigned. Although welcome, extended members will not be required or expected to attend all of the interdisciplinary team meetings. They will be expected to attend meetings and integration activities upon request by the core team. However, it is realized that extended members have collateral duties beyond those for this project that the core team needs to consider. Extended team members will also have oversight and review responsibilities for their area of expertise. (See ‘Interdisciplinary Team Core Members’ section for a summary of the interdisciplinary team leader’s role.)

***Table 4 – Extended Team***

| <b>Role</b>                            | <b>Forest Service</b>                                                                                       | <b>SWCA</b>                   |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------|
| Access / Lands / Realty                | Realty Specialist, Tami Emmett<br>Forest Access Emphasis Mgr, George McKay                                  | Kristen Cox                   |
| Air Resources                          | Soils /Water /Air /Forestry Prog Mgr, Bob Lefevre                                                           | Dave Morrow                   |
| Clean Water Act Compliance             | Soils /Water /Air /Forestry Prog Mgr, Bob Lefevre<br>TBD                                                    | Rion Bowers                   |
| Environmental Justice                  | NEPA Compliance Officer, Andrea Campbell                                                                    | Jeff Connell<br>Cara Bellavia |
| Fire / Fuels                           | Fire Management Officer, Shane Lyman                                                                        | TBD                           |
| Forest Plan Consistency                | Forest Planner, Jennifer Ruyle                                                                              | Marcie Bidwell                |
| Hazardous Waste                        | Civil Eng / Hazmat Spec, Eli Curiel<br>TBD                                                                  | Deanne Rietz                  |
| Heritage                               | Archaeologist, Chris Leblanc<br>Archaeologist, William Gillespie<br>Archaeologist /Tribal Rep, Mary Farrell | Joe Ezzo<br>Suzanne Grisot    |
| Minerals<br>(Mining Law)               | Geologist, Beverley Everson<br>TBD                                                                          | Jerome Hesse                  |
| Mining<br>(Chemistry)                  | Geologist, Beverley Everson<br>TBD                                                                          | TBD<br>Geochemist             |
| Mining<br>(Mine Planning /Remediation) | Civil Eng / Hazmat Spec, Eli Curiel<br>TBD                                                                  | TBD<br>Geologic Engineer      |
| Mining<br>(Processes)                  | Geologist, Beverley Everson<br>TBD                                                                          | TBD<br>Mining Engineer        |
| Mining<br>(Rock Stability /Fracture)   | Geologist, Beverley Everson<br>TBD                                                                          | TBD<br>Geotech Engineer       |
| Noise                                  | NEPA Compliance Officer, Andrea Campbell<br>Safety Officer, Alan Belauskas                                  | Dave Morrow                   |

**Table 4 – Extended Team (continued)**

| <b>Role</b>                                     | <b>Forest Service</b>                                                | <b>SWCA</b>                 |
|-------------------------------------------------|----------------------------------------------------------------------|-----------------------------|
| Public Health and Safety                        | Civil Eng /Hazmat Spec, Eli Curiel<br>Safety Officer, Alan Belauskas | Cara Bellavia               |
| Range                                           | Range Conservationist, Kendall Brown                                 | Geoff Soroka                |
| Soils                                           | Soils /Water /Air /Forestry Prog Mgr, Bob Lefevre                    | Jerome Hesse                |
| Water Resources /<br>Riparian Habitat (offsite) | Wildlife /Fish /Rare Plants / Staff Officer,<br>Tom Skinner          | Rion Bowers                 |
| Wildlife Resources                              | Wildlife Biologist, Larry Jones                                      | Ken Kartell<br>Geoff Soroka |

### **Interdisciplinary Team Support Members**

*Table 5 – Support*, identifies agency staff assigned to provide specialized support for this project as well as their SWCA counterparts. Assignments and expectations will vary among support staff. (See ‘Interdisciplinary Team Core Members’ section for a summary of the interdisciplinary team leader’s role.)

**Table 5 – Support**

| <b>Role</b>                        | <b>Forest Service</b>                                                                                                | <b>SWCA</b>                           |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Team Administrative Assistant      | Kendra Bourgart                                                                                                      | Melissa Reichard                      |
| Administrative Support             | Resource Assistant, Janet Jones                                                                                      | TBD                                   |
| Data Management                    | TBD                                                                                                                  | Glenn Dunno<br>Lara Mitchell          |
| External Communications            | Communications Team, John Able                                                                                       | Claire Bingaman<br>Harmony Hall       |
| FOIA Administration                | NEPA FIOA Officer, Andrea Campbell                                                                                   | Tom Furgason<br>Melissa Reichard      |
| Geospatial Analysis                | TBD                                                                                                                  | TBD                                   |
| Technical Editing and Presentation | TBD                                                                                                                  | Heidi Orcutt-Gachiri<br>Camille Ensle |
| Tribal Consultation                | Forest Supervisor, Jeanine Derby<br>Deputy Forest Supervisor, Reta Laford<br>Archaeologist /Tribal Rep, Mary Farrell | Suzanne Griset                        |
| Mailing Database                   | Resource Assistant, Roxane Raley                                                                                     | Melissa Reichard                      |
| Media                              | Communications Team, Heidi Schewell                                                                                  | TBD                                   |
| Publications                       | TBD                                                                                                                  | TBD                                   |
| Website Management                 | TBD                                                                                                                  | TBD                                   |

### **Additional Assistance**

Given the highly technical, nature of the proposed action, additional assistance may be sought from other areas or levels of the agency. Potential areas of assistance needs include: Hazardous Waste, Hydrogeology (Ground Water), Minerals (Mining Law), Mining (Chemistry), Mining (Mine Planning /Remediation), Mining (Processes), and Mining (Rock Stability /Fracture).

## **Attachment 2**

### **Expectations of Team relative to Coordination with SWCA Environmental Consultants**

The Forest is responsible for leading the Rosemont Copper Project EIS planning effort, including the content of the EIS and compliance with all applicable law, regulation, and policy. I have selected SWCA Environmental Consultants to provide third-party NEPA consulting service for this project and to deliver an EIS that complies with law, regulation, and policy. They will cooperate with and support the Forest in completing the NEPA review process. The agency interdisciplinary team will oversee the NEPA review process.

In consultation with the interdisciplinary team leader, team members are to work with the SWCA counterpart identified for their assigned area. Although most communications with SWCA will be informal for efficiency, guidance is to be documented. Guidance transmitted by email is to be cc'd to the interdisciplinary team leader. Material transmitted in hardcopy is to be routed through the team leader.

My expectations of interdisciplinary team members relative to coordination with SWCA are summarized below:

- Provide mailing list corrections to SWCA.
- Provide information to SWCA.
- Provide guidance to SWCA.
- Provide oversight to SWCA product development, including the administrative record.
- Participate in technology transfer, field trips /site visits, and meetings with SWCA.
- Confer with SWCA in analyzing public comments.
- Confer with SWCA in developing EIS components such as the issues and alternatives to be addressed, as well as the scope of effects analysis.
- Review work products submitted by SWCA.
- Determine material to be included or excluded from the EIS and supporting record.
- Ensure that SWCA work products are accurate and complete.
- Ensure that SWCA work products are consistent with laws, regulations, agency policies, and regional analysis protocols.

Additional details on the roles of the Forest and SWCA can be found in the February 2008 MOU between the Forest and Rosemont Copper Company, available on the project website.

## **Attachment 3**

### **Expectations of Team Relative to NEPA Process**

The interdisciplinary team is responsible for ensuring that all aspects of this project comply with NEPA, CEQ's implementing regulations at 40 CFR 1500-1508, and Forest Service Handbook 1909.15 (excluding chapters 30 and 40 pertaining to categorical exclusions and environmental assessments).

#### **NEPA Comprehension and Training**

Interdisciplinary team members are to brush up on their comprehension of NEPA by reviewing NEPA, CEQ's implementing regulations at 40 CFR 1500-1508, and the applicable sections of Forest Service Handbook 1909.15. Members are also to review the agency's '1900-1 Forest Plan Implementation' training lesson plans and slides at [http://fsweb.wo.fs.fed.us/em/nepa/nepa\\_coordination\\_training/00index.html](http://fsweb.wo.fs.fed.us/em/nepa/nepa_coordination_training/00index.html).

Additional books and material about the NEPA processes will be available in the reading room with other project materials. Currently the following books are available:

*The NEPA Book: A Step-by-Step Guide on How to Comply with the National Environmental Policy Act, 2001 (Second Edition).*

*The NEPA Planning Process: A Comprehensive Guide with Emphasis on Efficiency.*

*Environmental Impact Statements: A Comprehensive Guide to Project and Strategic Planning.*

As each major component of the NEPA review is undertaken, interdisciplinary team members may be expected to attend and participate in specific training and technology transfer. Training and technology transfer sessions may in the form of field trips /site visits, meetings, brown-bag lunches, etc. At a minimum, local training is likely to cover the following components:

- Content Analysis
- Issue Identification
- Development of Alternatives, including the No Action Alternative
- Mitigation and Monitoring
- Effects Analysis (direct, indirect, and cumulative effects)
- Response to Comments

I also expect team members to assess their knowledge and skills as they relate to successful participation in the NEPA process. Consider comprehension of the NEPA process as well as communication and management skills necessary for effective team participation and timely completion of work products. The use of mentors and formal training should be considered for areas that would benefit from improvement.

## NEPA Process

Note: Project-specific documents referred to hereafter are available on the project website.

In the following, I describe my expectations for various sections of the environmental review and documentation. I consider each of these components to be milestones within the overall environmental review process. I will be coordinating with the interdisciplinary team leader and team throughout the process, but will specifically be seeking input or coordination as noted in the sections defined herein.

Although individuals are assigned areas of specific oversight responsibilities, identified in Attachment 1, I expect all members to hold each other accountable for the timeliness and quality work. This means that you are expected to participate in review of products outside of your designated role or otherwise provide assistance, if requested by the interdisciplinary team leader.

Additionally, I requested a pre-decisional review by the Southwestern Region. (The pre-decisional review process is detailed in the Regional Forester's letter of February 9, 2007, *R3 Policy for Regional Level NEP Document Requests*.) This incremental oversight review is designed to support us in our development of a quality NEPA document that is scientifically sound and legally defensible. It will also make us aware of Regional recommendations regarding compliance with law, regulation, and policy so we can meaningfully incorporate them into our process in a timely manner.

### ***Proposed Action***

The proposed action was generated externally by the Rosemont Copper Company. The proposed action consists of the material provided by the Rosemont Copper Company identified in my letter of October 19, 2007, and the 28 items responsive to my request for additional information. An electronic composite of this information has been compiled to facilitate its use. It will be referred to hereafter as the "composite MPO" (Mine Plan of Operation).

A summary of the proposed action is provided in the March 13, 2008, NOI (Notice of Intent) to prepare an EIS published in the Federal Register (see the *Summary, Background, and Proposed Action* sections).

The proposed action to be carried through the project analysis constitutes the material contained in the composite MPO, which I deemed sufficient to initiate the NEPA process. I realize that this material may need to be presented differently to better convey in plain language the nature of the action and to fit within the four corners of the EIS, as well as to focus the effects analysis. However, clarifying actions outside the scope of those defined in the composite MPO are to be handled as alternative design features or mitigation because they were not identified for comment during the public scoping period.

I expect to be briefed by members of the team on its recommended presentation of the proposed action in the DEIS.

## ***Purpose and Need***

*Interdisciplinary team members are to be familiar with the following regulation and policy regarding purpose and need:*

*40 CFR 1502.13*

Although not required in an NOI (40 CFR 1508.22, FSH 1909.15(21.1)), the March 13, 2008, NOI provided a preliminary purpose and need statement:

“The purpose of the proposed Forest Service action is to grant permission to the Company to use NFS land for certain activities related to operation of the Rosemont Mine. The agency’s need for action is based on statutes and policy that govern mining on NFS land.”

As the NEPA process proceeds, I expect SWCA and the team to further clarify the purpose and need. At a minimum, the complete purpose and need will need to explain the proposed action’s relationship to applicable statutes and policies. I also expect the purpose and need to be expanded to address jurisdictions of cooperating agencies, to disclose Rosemont Copper Company’s corporate objectives, and to otherwise clarify the context of the project.

Ultimately, the EIS shall briefly specify the underlying purpose and need to which the Forest is responding in exploring alternatives.

I expect to be briefed by members of the interdisciplinary team on its recommended presentation of the purpose and need in the DEIS.

## ***Decision Framework***

The March 13, 2008, NOI described the following nature of the NEPA decision to be made:

“Based on the results of the NEPA analysis, the Forest Supervisor’s ROD regarding the MPO and reclamation plan will recommend implementation of one of the following: (1) The proposed action and mitigation necessary to minimize or avoid adverse impacts; (2) an alternative to the proposed action and mitigation necessary to minimize or avoid adverse impacts, or (3) the no action alternative. The ROD will also document the consistency of the proposed action with the Coronado National Forest Land and Resource Management Plan (Forest Plan) (1986, as amended) and approval of Proposed amendments to it.”

The decision framework statement defines only the nature and the character of the decision, not the actual content of that decision. Like the purpose and need, I expect the decision framework to be refined as the NEPA process progresses.

I will issue a ROD corresponding to the elements of the decision framework that includes identification of my selected alternative and the environmentally preferred alternative, should they differ. In my ROD, I will also document determinations by various regulatory and resource agencies regarding statutory consultations, permits, and approvals related to the project.

I expect to be briefed by members of the interdisciplinary team on its recommended presentation of the decision framework in the DEIS.

**Issue Identification**

*Interdisciplinary team members are to be familiar with the following regulation and policy regarding issues:*

*40 CFR 1500.1(b)*  
*40 CFR 1500.4(c) and (g)*  
*40 CFR 1501.1(d)*  
*40 CFR 1501.7(a)(2) and (3)*  
*40 CFR 1502.1*  
*FSH 1909.15(10.4 #5)*  
*FSH 1909.15(11)*  
*FSH 1909.15(12.3b)*

Public scoping for this project was initiated in the March 13, 2008, NOI to prepare an EIS published in the Federal Register. Potential issues were identified in the NOI based on a preliminary review of the proposed action by Forest resource specialists, see *Table 1 – Potential Issues identified in NOI*.

**Table 1 – Potential Issues identified in NOI**

|                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------|
| Effects on the economy, public services, quality of life, and other community resources in Pima County, Tucson, and nearby communities |
| Effects on the quality and availability of surface water and groundwater resources                                                     |
| Effects on vegetation and wildlife, including those having special-status designations . . .                                           |
| Effects on soils and geology                                                                                                           |
| Effects on aesthetic resources, including visual quality objectives and State Highway 83, a state-designated scenic highway            |
| Effects on archaeological, historic, and cultural resources, including Native American interests and values                            |
| Effects on Forest recreational use and compatibility with other Forest land uses                                                       |
| Effects of increased traffic on local roads and transportation systems                                                                 |
| Effects of mining and processing and vehicle traffic on ambient air quality <sup>1</sup>                                               |
| Effects of noise on nearby residents, Forest users, and sensitive wildlife                                                             |

<sup>1</sup> In the NOI, ‘ambient air quality’ was inadvertently omitted.

A Supplemental NOI was published in the Federal Register on April 29, 2008, to provide notice of additional scoping activities (open houses and public hearings) and extend the comment period to July 14, 2008.

SWCA will lead content analysis on the comments received or postmarked by July 14<sup>th</sup>, using a thematic coding schema approved by the Forest. Interdisciplinary team members will be expected to participate in validating the results of content analysis. Each core team member is encouraged to review all of the received comments and thematic results. Collectively, the core team needs to be familiar with the comments. Extended members will be required to review the thematic results for their assigned areas. I consider validating the results of content analysis to be a very important early step in the NEPA process.

The results of scoping and content analysis will be made available to the public and Rosemont Copper Company. Public outreach is also to occur that explains the process and solicits external validation of the results.

Comments received after July 14<sup>th</sup> will continue to be considered in development of the EIS. However, the best way to incorporate subsequent comments will need to be addressed on a case by case basis. For example, comments received shortly after the close of the July 14<sup>th</sup> comment period may be readily incorporated into the content analysis coding process, whereas comments received after substantial completion of the content analysis may not be. Comments received later as the project progresses may be considered in several ways. For example, they may serve to validate or augment the results of the content analysis process or they may contribute to other steps in the NEPA process and EIS such as alternative development, defining the affected environment, profiling environmental consequences, etc.

The list of potential issues identified in the NOI is subject to change. The content analysis results will be used not only to identify significant issues to be analyzed in depth, but also to deemphasize insignificant issues.

Given the highly technical nature of the proposed action, assistance in responding to comments and developing issue statements may be sought from other areas or levels of the agency, Rosemont Copper Company, and cooperating agencies.

Issues are to be presented in a site-specific manner that conveys a clear cause-effect relationship attributed to the proposed action, with appropriate measures of change that link directly to the effects. Related issues will be combined into comprehensive issue statements.

I expect to be briefed by members of the interdisciplinary team on its recommended presentation of the issues in the DEIS.

## ***Alternative Development***

*Interdisciplinary team members are to be familiar with the following regulation and policy regarding alternatives:*

*40 CFR 1500.2(e) and (f)  
40 CFR 1501.2(c)  
40 CFR 1502.1  
40 CFR 1502(d) and (e)  
40 CFR 1502.14  
40 CFR 1502.25(b)  
40 CFR 1508.20  
FSH 1909.15(05) Connected Action  
FSH 1909.15(05) Environmentally Preferable Alternative  
FSH 1909.15(05) Mitigation  
FSH 1909.15(05) Preferred Alternative  
FSH 1909.15(10.4 #6 and #7)  
FSH 1909.15(12.3b and c)  
FSH 1909.15(14), (14.1), (14.2), and (14.3)*

Responsive to the significant issues, SWCA and the interdisciplinary team is to rigorously explore all reasonable alternatives that would avoid or minimize adverse effects, or enhance the quality of the human environment. Do not impose artificial limits on alternative development. Set aside preconceived notions and exercise creativity and an open mind. Diligently seek appropriate alternative themes, design elements, and mitigation. Do not preclude assistance from the public, Rosemont Copper Company, or cooperating agencies in the development of alternatives.

The interdisciplinary team is to formulate a range of action alternatives to the proposed action which addresses in whole or part the purpose and need and the significant issues. As expressed in the NOI's *Nature of NEPA Decision To Be Made*, the no action alternative is part of the range of alternatives. The purpose of the no action alternative is to provide a bench mark, or point of reference, for describing the environmental effects of the proposed action and alternatives. It represents the current situation and serves as a basis against which to compare the current situation and demonstrate change in effects resulting from action alternatives. I expect analysis of the no action alternative to be on an equal basis with the other alternatives considered in detail.

In this case, the no action alternative means that the Mine Plan of Operation, with supporting additional information I deemed sufficient to begin the NEPA process, is not finalized and the proposed project does not take place. However, the EIS may need to provide further clarification on the scope and implications of the no action alternative.

Think of the alternatives section of the EIS as an executive summary, a section which could stand alone and still give the reader a clear picture of the choices to be made. Alternatives are to be described in a comparative format so as to sharply define the issues and provide a clear basis for choice among options. Be objective, neutral, and unbiased in describing the alternatives. Describe actions, not impacts.

In characterizing each alternative, do not overlook identification of connected actions.

Also, be sure to disclose each alternative's relationship to the project's purpose and need, legal requirements, and the Coronado National Forest Land and Resource Management Plan (Forest Plan) (1986, as amended). The evaluation of consistency with the Forest Plan is required by the National Forest Management Act. If inconsistencies with the Forest Plan are identified, it may be necessary to modify the alternative to achieve compliance or to include a site-specific amendment to the Forest Plan. Such amendments would be enduring changes until the Forest Plan is otherwise amended or revised. The description for each alternative must include any site-specific amendments needed to ensure consistency with the Forest Plan. The administrative record must also document a consistency review in compliance with the National Forest Management Act and its implementing procedures for each alternative considered.

Within the range of alternatives, alternatives outside of the Forest Service's jurisdiction may be considered. Actions outside the agency's jurisdiction include both actions that the Forest Service cannot impose and actions which must be imposed by another agency or entity. For example, sometimes it may appear that there would be a way to achieve the purpose and need and deal with significant issues if the State, County, local government, proponent, or other entity first took certain actions. If an alternative fulfills those two criteria, it may, and perhaps should, be disclosed and analyzed. Consideration of an alternative outside of the Forest Service's jurisdiction would have to be explained in the EIS as to why it's outside our jurisdiction, how it would have to be implemented, and that I cannot select it for implementation.

Alternatives will eventually need to be divided into two categories: those considered in detail, and those eliminated from detailed analysis. Do not omit recognition of any alternative considered. Eliminating an alternative from detailed analysis is a judgment call. Provide the rationale for eliminating an alternative from detailed analysis.

I expect the interdisciplinary team to recommend a preferred alternative which they believe would best fulfill its statutory mission and responsibilities, giving consideration to environmental, social, economic, and other factors.

Since NEPA is inherently iterative in the development of alternatives as new information is profiled, I would like to be briefed by members of the interdisciplinary team at key points as the range of alternatives evolves. I also expect to be briefed on the team's recommended range of alternatives to be presented in the DEIS, both those considered in detail and those dismissed from detailed analysis. After completion of the effects analysis, I expect to be briefed on the team's recommended alternative preferred for implementation and the alternative environmentally preferred.

## *Affected Environment and Environmental Consequences*

*Interdisciplinary team members are to be familiar with the following regulation and policy regarding affected environment and environmental consequences:*

*40 CFR 1502.2(b)  
40 CFR 1502.15  
40 CFR 1502.16  
40 CFR 1502.20  
40 CFR 1502.21  
40 CFR 1502.22  
40 CFR 1502.24  
40 CFR 1508.7  
40 CFR 1508.8  
FSH 1909.15(05) Cumulative Impact, Effects  
FSH 1909.15(10)  
FSH 1909.15(12.3a)  
FSH 1909.15(13)  
FSH 1909.15(15)  
FSH 1909.15(16)  
FSH 1909.15(22.3), (22.31), (22.33), and (22.36)*

Commensurate with the importance of the impact, SWCA and the interdisciplinary team is to succinctly describe the affected environment that would be impacted by the alternatives under consideration.

Discussion of the environmental consequences forms the scientific and analytic basis for the comparison of alternatives and needs to disclose enough information to support the comparisons. It needs to be site-specific, present cause-effect relationships, and include appropriate measures of change. Most importantly, it needs to answer the “So what?” question.

The impacts of past, present, and reasonably foreseeable future actions within the project area may, in combination with the impacts of the proposed action or alternatives result in cumulative impacts to the environment. In proportion to their significance, I expect SWCA and the team to document in the EIS a thorough analysis of direct, indirect, and cumulative impacts relative to the physical, biological, social, and economic environments – regardless of land ownership.

SWCA and team members will need to review the potential for impacts and reach consensus on the level of analysis appropriate for each resource area. All need to have a common understanding of the components of each alternative. Analysis is to be conducted upon the agreed upon alternatives. Assumptions need to be discussed and agreed upon. If new design features or mitigation are to be included in an alternative, the alternative description and all effects analyses need to be modified to reflect the change.

I expect to be briefed by members of the interdisciplinary team on its recommended presentation of the affected environment and environmental consequences in the DEIS.

## ***Documentation and Administrative Record***

I expect the EIS to be written in plain language. Your work will not only be scrutinized for its technical accuracy, but also for its brevity and clarity. Write-ups that are encyclopedic or that contain extraneous information will not be accepted. Technical material is to be summarized in the body of the EIS with specific reference to supporting information in the appendices and/or record. Graphics are to be used to the fullest extent where they could improve the reader's understanding and reduce the amount of text. Of course, graphics should have appropriate complementary interpretive text.

While I expect the interdisciplinary team to take advantage of communication technologies, I do not want these tools to replace personal interaction and dialogue between members. The final administrative record must reflect an interdisciplinary and integrated environmental review process.

A designated electronic work area, filing structure, and filing protocol will be established for the team. Until these are in place, the following guidance is in effect:

- Use dynamic communication when possible such as Sametime, telephone, or in person
- Minimize using internal e-mails
- Delete internal emails after they have served their purpose
- Do not save draft and deliberative materials once the final product is complete, unless it is necessary to document the evolution of the work
- SWCA will maintain the administrative record

I expect, at a minimum, the following documents to be included in the administrative record, in addition to any other information deemed relative to the project:

- Material submitted by Rosemont Copper Company, including the composite MPO and associated supplemental information
- Correspondence received prior to publication of the Notice of Intent
- Memorandums between Rosemont Copper Company and the Forest
- Conflict of interest forms signed by SWCA and its subcontractor staff
- Communication records with Rosemont Copper Company related to the NEPA review
- Communication records with SWCA related to the NEPA review
- Communication records with elected officials and other agencies
- Communication records with the public
- Federal Register notices
- News releases, legal notices, paid advertisements
- Mailed public notices, and identification of to whom they were sent
- Schedules of Proposed Actions containing the project listing
- Comments on the proposed action received any time prior to release of the DEIS
- Content analysis of comments received within the designated comment period
- Records of interactions with cooperating agencies, including, but not limited to, letters of invitation / inquiry, acceptance, and any necessary memoranda of agreement regarding roles and responsibilities

- Records of interactions with work groups and copies of any completed work products
- Interdisciplinary team meeting notes
- Interdisciplinary team member assignments
- Interdisciplinary team reports and process papers
- Final versions of the DEIS and other NEPA-related documents

### ***Public Involvement***

Considerable public involvement has occurred to date as part of the scoping process (e.g., Federal Register notices, mailings, news releases, postings, open houses, oral hearings, toll-free comment line, etc.). Scoping efforts will be detailed in a process paper.

Various efforts are currently underway related to public involvement. We have a commitment to Congresswoman Gifford to use public work groups. A public work group educational / awareness session about the content analysis process is being explored. Use of a more comprehensive public work group is being explored to validate the results of the content analysis. A new web site is also being developed to improve transparency into the project and facilitate online interaction.

Public involvement will occur throughout the development of the EIS. A living public involvement plan will be developed to address future public involvement efforts. Development of this plan will be lead by the team member responsible for external communications management working with SWCA. The Regional Office public affairs staff will also be briefed and consulted as appropriate.

Project status will continue to be provided in the Schedule of Proposed Actions.

## **Attachment 4 Project Timeline Expectations**

In February 2008, I signed a Memorandum of Understanding (MOU) with the Rosemont Copper Company for the Rosemont Copper Project EIS that included a two-year project timeline. Circumstances have changed and a revised timeline will be forthcoming that considers: a 90-day extension of the scoping comment period, the magnitude and nature of received comments, use of public work groups, pre-decisional review by the Regional Office, FY08 program of work reviews, and FY09 program of work development. It may be more realistic that planning for this project may take three to five years to complete.

Regardless of the final timeline, I expect interdisciplinary team members to diligently engage in the planning efforts for this project.

**From:** karina montez/r3/usdafs;nsf;kmontez@fs.fed.us;smtp  
**Sent:** Tue Jul 29 2008 11:36:10 EDT  
**To:** jeanine derby/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;john able/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;jennifer ruyle/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;walter keyes/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;tami emmett/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;robert lefevre/r3/usdafs@fsnotes;shane lyman/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;christopher c leblanc/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;mary m farrell/r3/usdafs@fsnotes;alan belauskas/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;thomas skinner/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;kendra l bourgart/wo/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;roxane m raley/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;tfurgason@swca.com  
**CC:** pdl r3 coronado flt@fsnotes;john bruin/r3/usdafs@fsnotes;bob davis/r3/usdafs@fsnotes  
**Subject:** 1950-3; (2820-6); Interdisciplinary Team Project Initiation Letter for Rosemont Copper Project EIS  
**Attachments:** SignedLetter.pdf;FS\_correspondence.doc;2008 07 25 PIL attachments.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Included please find both the electronic and hand signed copies.

The following Correspondence is archived in the Records database. Any enclosures will follow the letter in this message.

- FS\_correspondence.doc

To open this document in the Records database, click on this link ->

To access all documents in the National Records Database, click on this link ->

Re: News--Rosemont Mine process.

**From:** jeanine derby/r3/usdafs;nsf;jderby@fs.fed.us;smtp  
**Sent:** Fri Jul 11 2008 12:58:19 EDT  
**To:** 15965@townnews.com  
**CC:** heidi schewel/r3/usdafs@fsnotes;john able/r3/usdafs@fsnotes  
**BCC:** beverley a everson/r3/usdafs  
**Subject:** Re: News--Rosemont Mine process.  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Water has been a primary topic at hearings and in written comments from the public. The company was told when we first reviewed their MPO that more information will be needed regarding water. At this point, I am assuming that the best available experts will address the questions about water (both quality and quantity) and that new information will be available before it is time for a decision. It isn't possible, nor appropriate, to speculate on what the outcome will be regarding water or any other issue - especially since we haven't fully defined the questions at this phase of the process.

During scoping we look for critical questions and perspectives that lead to issues which need to be addressed in the analysis. If some critical aspect is only mentioned one time by one person it is addressed. Conversely, if 100 people send in the same form letter it is considered one comment.

People have told me that they intend to follow this proposal through the courts, and that remains to be seen. The statement that "everyone" anticipates this will go through the courts is an over-generalization. Both the proponents and opponents of the project have that option.

I will be considering the facts and information that is provided through the NEPA analysis process. Politicians can submit pertinent comments that affect the issues addressed in the analysis, just as any citizen can. Politics is not part of the process.

Jeanine Derby, Forest Supervisor  
Coronado National Forest  
phone: 520 388-8306  
FAX: 520 388-8305

15965@townnews.com  
07/11/2008 07:31 AM

To  
"Jeanine Derby" <jderby@fs.fed.us>  
cc  
"Phil Franchine" <pfranchine@gvnews.com>, "Heidi Schewel" <hschewel@fs.fed.us>, philfran@mindspring.com@townnews.com  
Subject  
Re: News--Rosemont Mine process.

Thanks Jeanine:

I have a few follow-up questions.

1--Water regulation has largely been seen as a state issue, but you were quoted in the Daily Star saying "everybody knows the big question here is water."

Is that correct and to what extent could water impact your decision?

3--also, you noted in the Star that there has been very wide political opposition but you also said your decision does not hinge on the number of pro/con comments, that it's not a majority vote, and also that "everyone anticipates it will go through the courts."

3----So what role does political opposition play? and do you anticipate a decision will go to court eventually? Could the mine challenge a no action decision?

thanks,

Phil F.

water s  
describe to waht

- > Phil, since it is late, I will respond by e-mail. First, understand
- > that
- > the Forest is neutral in addressing this proposal.
- >
- > An Environmental Impact Statement (EIS) follows a complex, iterative
- > process under the National Environmental Policy Act (NEPA). I can't
- > predict outcomes, we are at the very beginning of the process.
- > The Rosemont Copper Company owns patented land and associated minerals
- > and
- > they have legal claims to minerals underground on National Forest lands.
- > They have provided a proposal to mine their mineral resource, based on
- > what
- > they currently know. Their proposal, called a Mine Plan of Operations
- > (MPO), describes what they plan to do, where they propose to operate, how
- > they plan to accomplish the work and an approximate timetable for the
- > project. Because the company's proposal affects National Forest lands
- > in
- > addition to the company's private lands, the Forest Service initiated an
- > EIS which will analyze the social, economic and ecological effects on
- > National Forest lands and the surrounding area. The analysis must be
- > objective, using the best available science to address the relevant
- > questions and issues being raised during scoping.
- > NEPA requires that we analyze a no action alternative and one or more
- > action alternatives. The no action alternative is a decision to not
- > approve the MPO as currently proposed. However, we are a long ways from
- > formulating a decision and also a long ways from gathering the
- > information
- > that addresses water or any other concern raised by the public. I
- > anticipate that there will be other alternatives to consider as we



- > something
- > that could stop the mine application? Does the FS have the option of
- > â€œno
- > action?â€ Would it be overruled by others in the agency?
- >
- > You say water issues could potentially result in a no action ruling--can
- > you detail what kind of water issues could lead to no action?
- >
- > Any other issues that are powerful enough locally?
- >
- > Whatâ timetable do you see?
- >
- > In your estimation, what is the likelihood ofâ a lawsuit in this case?
- >
- > thanks
- > Philip Franchine
- > 405-6461 (cell)
- >
- >
- >
- >
- > Phil Franchine, reporter
- > pfranchine@sahuaritasun.com (office hours)
- > philfran@mindspring.com (24/7)
- > (520) 547-9738
- > fax (520) 625-1603
- > cell (520) 405-6461
- >
- >

**From:** melinda.d.roth/r3/usdafs.nsf:mroth@fs.fed.us:smtp  
**Sent:** Mon Mar 15 2010 16:00:25 EDT  
**To:** dkriegel@fs.fed.us;dsebesta@fs.fed.us;sdavis@fs.fed.us;shafiqullah@fs.fed.us;wkeyes@fs.fed.us;hschewel@fs.fed.us;temmett@fs.fed.us;gmckay@fs.fed.us;rtefrevre@fs.fed.us;aelek@fs.fed.us;abelauskas@fs.fed.us;ecuriel@fs.fed.us;mfarrrell@fs.fed.us;wgillespie@fs.fed.us;ccleblanc@fs.fed.us;seanlockwood@fs.fed.us;ljonas02@fs.fed.us;cablair@fs.fed.us;kendall.brown/r3/usdafs@fsnotes;beverley.a.everson/r3/usdafs@fsnotes;turgason@swca.com  
**CC:**  
**Subject:** Fw: March 2010 Cooperating Agency Meeting Draft Agenda  
**Attachments:** 2010 03 18 DRAFT Agenda.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

fyi

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 03/15/2010 12:58 PM -----

Teresa Ann Ciapuci/R3/USDAFS  
03/15/2010 12:38 PM

To  
brocious@base.sao.arizona.edu, cbeck@azdot.gov, Cindy\_Alvarez@blm.gov, daniel\_moore@blm.gov, dt1@azdeq.gov, David\_Jacobs@azag.gov, falco@cfa.harvard.edu, gfleming@asmi.az.gov, jmarques@ci.sahuarita.az.us, jmtannler@azwater.gov, julia.fonseca@pima.gov, jwindex@azgfd.gov, karen.howe@tonation-nsn.gov, lagrignano@azwater.gov, lee.alison@azgs.az.gov, Leslie.Ethen@tucsonaz.gov, LSwartzbaugh@asmi.az.gov, madan.singh@mines.az.gov, mark.harting@aztucs.ang.af.mil, Marjorie.E.Blaine@usace.army.mil, nicole.ewing-gavin@tucsonaz.gov, nicole.fyffe@pima.gov, ohenderson@ci.sahuarita.az.us, rcasavant@azstateparks.gov, stahle@ci.sahuarita.az.us, TEmery@azdot.gov  
cc  
MDemlong@azgfd.gov  
Subject  
March 2010 Cooperating Agency Meeting Draft Agenda

Good Morning everyone -  
Attached is the draft agenda for the March 2010 Cooperating Agency Meeting for the Rosemont Copper Project.

Please note in the Welcome section of the agenda I will be collecting any cooperating agency submittals of Frequently Asked Questions (FAQs) that your agency may have developed per my request at the February meeting. If your agency intends to provide a response to this request (remember response was optional) but has not yet done so, please bring a hardcopy of your agency's submittal to the meeting on Thursday. Remember also, that you were requested to provide your agency's top 3 (at most 10) questions representing frequent questions from your staffs or constituents regarding the Rosemont Copper Project proposal and related agency regulatory processes. If the questions deal with the proposal or Forest Service NEPA analysis and process, the Forest Service will provide the answer to the question; if they deal with regulatory processes under the jurisdiction of your agency, we asked that the submitting agency also provide the answer to the question.

Looking forward to seeing everyone Thursday. As always, its helpful if you let me know in advance if you are unavailable to attend and are sending an alternate to the meeting or if your agency is unable to participate this month due to scheduling or other conflicts.

Teresa Ann Ciapuci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax



ROSEMONT COPPER

Investment

2017-2018

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Jul 18 2008 15:32:07 EDT  
**To:** mark stevens <mstevens@augustaresource.com>  
**CC:**  
**Subject:** Re: Rosemont Unpatented Claims  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks very much, Mark.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Mark Stevens <mstevens@augustaresource.com>  
07/17/2008 02:25 PM

To  
beverson@fs.fed.us  
cc  
karnold@augustaresource.com  
Subject  
Rosemont Unpatented Claims

Bev,

Kathy Arnold forwarded to me your inquiry of July 16th. The unpatented claims at Rosemont consist mostly of lode claims, with 9 mill site claims in the Helvetia area. The number of unpatented claims is currently 1,038 claims, but is subject to some recent changes that are still in progress.

Regards

Mark G. Stevens  
Chief Project Geologist  
Augusta Resource Corporation  
4500 Cherry Creek South Drive, Suite 1040

Re: Rosemont Unpatented Claims

Denver, CO 80246

office: 303-300-0134

mstevens@augustaresource.com



July 29, 2008

Ms. Beverly Everson  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ 85701

**Re: USGS Stream Gauge**

Dear Ms. Everson:

As we discussed, Rosemont has requested that a USGS stream gauge be installed along the Barrel drainage on the Fee Land in T18S, R16E, Section 15 (Figure 1). On July 28, 2008 representatives from the USGS and Tetra Tech visited the area and sited a location for the stream gauge. The USGS has proposed to install a bridge-mounted gauge and will be contacting the Arizona Department of Transportation for necessary permits.

In order for the USGS to proceed with installation of the stream gauge, they first need a signed contact with the Coronado National Forest. Attached is an example contract between the USGS and the Tonto National Forest for your reference. This was provided only as an example. If your department has specific contract requirements, please use them instead.

Below are two contacts at the USGS if you have any questions about the contract process or required documents.

Mr. Emmet McGuire  
Supervisory Hydrologic Technician  
520 N. Park Ave, Suite 221  
Tucson, Arizona 85719  
520-670-6671 ext 284  
emcquire@usgs.gov

Mr. Chris Smith  
Assistant Director  
520 N. Park Ave, Suite 251  
Tucson, Arizona 85719  
520-670-6671 ext 284  
cfsmith@usgs.gov



If you need additional information, please don't hesitate to contact me. You can reach me at (520) 297-7723 or via e-mail at [jamie.joggerst@tetrattech.com](mailto:jamie.joggerst@tetrattech.com)

Sincerely,  
**Tetra Tech**

A handwritten signature in blue ink that reads 'Jamie Joggerst'.

Jamie Joggerst  
Geotechnical Engineer

Attachments:

*Example Contract*

*Figure 1 – Proposed Stream Gauge Location*

Cc: Reta Laford, Coronado National Forest  
Jamie Sturgess, Rosemont Copper Company  
Kathy Arnold, Rosemont Copper Company  
File Document Number 072/08-320776





# Fax Cover Sheet (Tucson, Arizona)

Date: 7/21/08 Number of Pages (including this cover): 5

To: Jamie Loggers Organization: .....

Phone: ..... Fax: 297-7724

From: Margie Gilliland Organization: USGS

Phone: (520) 670-6671 x \_\_\_\_\_ fax (520) 670-5592 ..... E-mail: mgilliland@usgs.gov

Message:

Here is a sample of an agreement. It is just the initial agreement and it has been modified 5 times since this original. A new agreement would need to get to us ASAP if it is to be included in this FP ending 9/30. Please call if you have any questions.

Margie  
(520) 670-6671 x 262

The USGS serves the Nation by providing reliable scientific information to describe and understand the Earth; minimize loss of life and property from natural disasters; manage water, biological, energy, and mineral resources; and enhance and protect our quality of life.

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U.S. Department of the Interior  
U.S. Geological Survey

# REIMBURSEMENT OR ADVANCE OF FUNDS AGREEMENT

|                                                       |                                   |                                               |                                   |                               |                                |
|-------------------------------------------------------|-----------------------------------|-----------------------------------------------|-----------------------------------|-------------------------------|--------------------------------|
| 1. AGREEMENT NUMBER (25)<br><b>07-IA-11031200-018</b> | 2. FISCAL YEAR (4)<br><b>2007</b> | 3. ESTIMATED AMOUNT (11)<br><b>\$7,500.00</b> | 4. AGY. BILL IND. (1)<br><b>1</b> | 5. TRANS CODE (1)<br><b>2</b> | 6. ACTION CODE (1)<br><b>1</b> |
|-------------------------------------------------------|-----------------------------------|-----------------------------------------------|-----------------------------------|-------------------------------|--------------------------------|

|                                                       |                        |                              |                                                                    |                        |                              |
|-------------------------------------------------------|------------------------|------------------------------|--------------------------------------------------------------------|------------------------|------------------------------|
| 7. AGENCY REQUESTING SERVICE                          |                        |                              | 8. AGENCY PERFORMING SERVICE                                       |                        |                              |
| NAME (32)<br><b>USDA, Forest Service</b>              |                        |                              | NAME (32)<br><b>US Geologic Survey, Water Resources Discipline</b> |                        |                              |
| 1ST LINE ADDRESS (32)<br><b>Tonto National Forest</b> |                        |                              | 1ST LINE ADDRESS (32)<br><b>Arizona Water Science Center</b>       |                        |                              |
| 2ND LINE ADDRESS (32)<br><b>2324 E. McDowell Road</b> |                        |                              | 2ND LINE ADDRESS (32)<br><b>520 N Park Avenue, Suite 221</b>       |                        |                              |
| CITY (21)<br><b>Phoenix</b>                           | STATE (2)<br><b>AZ</b> | ZIP CODE (9)<br><b>85006</b> | CITY (21)<br><b>Tucson</b>                                         | STATE (2)<br><b>AZ</b> | ZIP CODE (9)<br><b>85719</b> |

**9. SERVICE TO BE PERFORMED (Give brief explanation and basis for determining cost of services. Attach additional sheet if needed.)**

Perform operation and maintenance of two stream gauges on Pinto Creek, as shown below, including collection of stream data. Provide stream data/information to the Forest Hydrologist, Tonto National Forest

| Station # | Station Name                     | Cost        |
|-----------|----------------------------------|-------------|
| 09498501  | Pinto Creek below Haunted Canyon | \$15,000.00 |
| 09498502  | Pinto Creek near Globe           | \$15,000.00 |

Forest Service funding, in the amount of \$7,500.00, is currently available for this agreement. Additional funding, in the amount of \$22,500.00, is anticipated in the second quarter of federal FY07 to fund full operation and maintenance of the two stream gauges by USGS. A Modification to this agreement will be executed to obligate the additional funding when it becomes available.

**10. LIST REFERENCES TO CORRESPONDENCE RELATIVE TO THIS WORK (Requesting Agency only.) (50)**  
IN ACCORDANCE WITH THE ECONOMY ACT OF JUNE 30, 1932, SECTION 601, 31 U.S.C. 1535

Economy Act Determination  
FY07 WorkPlan

|                                           |                                        |                              |                                                              |
|-------------------------------------------|----------------------------------------|------------------------------|--------------------------------------------------------------|
| <b>11. DURATION OF AGREEMENT</b>          |                                        | <b>12. METHOD OF PAYMENT</b> |                                                              |
| EFFECTIVE DATE (From)<br><b>10/1/2006</b> | CONTINUING THROUGH<br><b>9/30/2007</b> | REIMBURSEMENT<br><b>2</b>    | ADVANCE OF FUNDS<br><input type="checkbox"/> TYPE OF ACCOUNT |

**13. FINANCING (REQUESTING AGENCY - WHEN NOT SERVICED BY NFC)**

|                                                  |                                                                                                                      |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| APPROPRIATION SYMBOL AND TITLE<br><b>12X1106</b> | PROJECT, ALLOTMENT, OR WORKPLAN NO. (As applicable)<br><b>Pinto Creek Stream Gauge Operation, 07-IA-11031200-018</b> |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|

**14. FINANCING (REQUESTING AGENCY - WHEN SERVICED BY NFC)**

| AGENCY CODE | FUND CODE | ACCT. STATION | ACCOUNTING CLASSIFICATION |     |   |   | OBJECT CLASS | AMOUNT   |
|-------------|-----------|---------------|---------------------------|-----|---|---|--------------|----------|
|             |           |               | A                         | B   | D | E |              |          |
| 11          | TO        | 0312          | NFIM1207                  | MO# |   |   | 2559         | 7,500.00 |

**15. FINANCING (PERFORMING AGENCY)**

| AGENCY CODE | FUND CODE | ACCT. STATION | ACCOUNTING CLASSIFICATION |   |   |   | OBJECT CLASS | AMOUNT |
|-------------|-----------|---------------|---------------------------|---|---|---|--------------|--------|
|             |           |               | A                         | B | C | D |              |        |
| 14          |           |               |                           |   |   |   |              |        |

|                               |                              |                                  |
|-------------------------------|------------------------------|----------------------------------|
| 16. LEAVE FACTOR<br>(3) / (2) | 17. FICA FACTOR<br>(3) / (2) | 18. OVERHEAD FACTOR<br>(3) / (2) |
|-------------------------------|------------------------------|----------------------------------|

|                                                      |                                                  |                 |                  |                                              |                                                  |                 |                  |
|------------------------------------------------------|--------------------------------------------------|-----------------|------------------|----------------------------------------------|--------------------------------------------------|-----------------|------------------|
| <b>19. REQUESTING AGENCY APPROVAL</b>                |                                                  |                 |                  | <b>20. PERFORMING AGENCY APPROVAL</b>        |                                                  |                 |                  |
| SIGNATURE                                            |                                                  | DATE            |                  | SIGNATURE                                    |                                                  | DATE            |                  |
| <i>Gene Blankenbaker</i>                             |                                                  |                 |                  | <i>Nick Melcher</i>                          |                                                  | <b>12/2/06</b>  |                  |
| TITLE<br><b>GENE BLANKENBAKER, Forest Supervisor</b> |                                                  |                 |                  | TITLE<br><b>NICK MELCHER, Director</b>       |                                                  |                 |                  |
| PERSON TO CONTACT<br><b>Elizabeth Vensel</b>         | PHONE (Area Code and No.)<br><b>928.527.3561</b> | FTS<br><b>X</b> | COMM<br><b>X</b> | PERSON TO CONTACT<br><b>Margie Gilliland</b> | PHONE (Area Code and No.)<br><b>520.670.6671</b> | FTS<br><b>X</b> | COMM<br><b>X</b> |

# INSTRUCTIONS FOR FORM AD - 672 (Revised 9/86)

1. **AGREEMENT NUMBER** - Enter the Performing Agency's Agreement Number. Enter up to 25 Positions Alpha/Numeric. First 6 Positions must be:  
1 - 2 - Agency Code  
3 - 4 - Fund Code  
5 - 6 - Fiscal Year
2. **FISCAL YEAR** - Enter 4 Positions, e.g. 1984
3. **ESTIMATED AMOUNT** - Enter up to \$999,999,999.99 omit commas and decimal point
4. **AGENCY BILLING INDICATOR** - Enter 1, 2, 3, or 4  
1 - Requesting Agency is an agency serviced by NFC's MISC system  
2 - Requesting Agency is a Government Agency, Bill SF 1081  
3 - Requesting Agency is a Government Agency, Bill SF 1080  
4 - Requesting Agency is other than Federal Government, Bill AD-631
5. **TRANSACTION CODE** - Enter 0, 1, 2, A, B, C  
0 - Revenue - Government  
1 - Refund - Government  
2 - Reimbursement - Government  
A - Revenue - Public  
B - Refund - Public  
C - Reimbursement - Public
6. **ACTION CODE** - Enter 1, 2, 3, or 4  
1 - Add New Agreement  
2 - Change Existing Agreement  
3 - Delete Existing Agreement  
4 - Issue Bill for Method of Payment upon demand or upon completion of work
7. **NAME AND ADDRESS OF REQUESTING AGENCY**  
Name (32 positions)  
1st Line Address (32 positions)  
2nd Line Address (32 positions)  
City (21 positions)  
State (2 positions)  
Zip Code
8. **NAME AND ADDRESS OF PERFORMING AGENCY** - Same as item number seven.
9. **SERVICES TO BE PERFORMED** - Enter brief narrative.
10. **LIST REFERENCES FOR CORRESPONDENCE** - Enter reference data that the Requesting Agency requires for Correspondence or Billing (e.g. Requesting Agency Agreement Number) or authority for Agreement (e.g. Public Law 97-212).
11. **DURATION OF AGREEMENT**  
EFFECTIVE DATE - Enter month, day, year.  
CONTINUING THROUGH - Enter month, day, year.
12. **METHOD OF PAYMENT**  
BILLING FREQUENCY - Enter 0, 1, 2, 3, 4, or 5  
0 - Immediately  
1 - Monthly  
2 - Quarterly  
3 - Semi-annually  
4 - Upon completion of work  
5 - Upon demand  
TYPE OF ACCOUNT  
0 - Transfer of Appropriation Account  
1 - Consolidated Working Fund
13. **FINANCING (Requesting Agency - When NOT serviced by NFC)**  
Complete this block only when the requesting agency does not participate in the Central Accounting System processed by the USDA's National Finance Center
14. **FINANCING (Requesting Agency - When serviced by NFC)**  
Complete this block only when the requesting agency does participate in the Central Accounting System processed by the USDA's National Finance Center.  
Agency Code - Enter 2-digit NFC assigned agency code  
Fund Code - Enter 2-digit NFC assigned fund code  
Accounting Station - Enter assigned accounting station code.  
Accounting Classification Code - Enter accounting classification code of requesting agency  
Object Class - Self Explanatory  
Amount - Enter the estimated agreement amount allowable to each accounting classification
15. **FINANCING (Performing Agency)** - Enter agency code, accounting station, accounting classification code, object class and amount stated in 14 above. Accounting codes used in this agreement cannot be duplicated in any other agreement number
16. **LEAVE FACTOR** - If leave is to be considered in billing the Requesting Agency for services, enter the leave factor. Enter 10/6% as 010/60 or 10/6
17. **FICA FACTOR** - If FICA taxes paid are to be considered in billing the Requesting Agency for services, enter the FICA factor. Enter 6.85% as 006/85 or 6/85
18. **OVERHEAD FACTOR** - If overhead is to be considered in billing the Requesting Agency for services, enter the overhead factor. Enter 18% as 018/00 or 18/0.
19. **APPROVAL FOR REQUESTING AGENCY** - Self explanatory
20. **APPROVAL FOR PERFORMING AGENCY** - Self explanatory

## Supplement to AD-672 Reimbursement or Advance of Funds

FS Agreement No. 07-IA-11031200-018  
USGS ALC No. 14-080001 FOA  
Cooperator Agreement No. \_\_\_\_\_  
12/21/06

1. FOREST SERVICE ACKNOWLEDGED IN PUBLICATION AND AUDIOVISUALS. Forest Service support shall be acknowledged in any publications and audiovisuals developed as a result of this instrument.
2. FUNDING EQUIPMENT AND SUPPLIES. Federal funding under this instrument is not available for reimbursement of recipient/cooperator purchase of equipment.
3. MODIFICATION. Modifications within the scope of the instrument shall be made by mutual consent of the parties, by the issuance of a written modification, signed and dated by all parties, prior to any changes being performed. The Forest Service is not obligated to fund any changes not properly approved in advance.
4. EXTENSION OF PERFORMANCE PERIOD. The Forest Service, by written modification may extend the performance period of this instrument for a total duration not to exceed 5 years from its original date of execution.
5. TERMINATION. Any of the parties, in writing, may terminate the instrument in whole, or in part, at any time before the date of expiration.

No parties shall incur any new obligations for the terminated portion of the instrument after the effective date and shall cancel as many obligations as possible. Full credit shall be allowed for each Party's expenses and all non-cancelable obligations properly incurred up to the effective date of termination.

Excess funds shall be refunded within 60 days after the effective period.

6. PRINCIPAL CONTACTS. The principal contacts for this instrument are:

### **Forest Service Project Contact**

Grant Loomis, Forest Hydrologist  
USDA Forest Service  
Tonto National Forest  
2324 E. McDowell Road  
Phoenix, AZ 85006  
Phone: 602.225.5253  
FAX: 602.225.5295  
E-Mail: [gloomis@fs.fed.us](mailto:gloomis@fs.fed.us)

### **Cooperator Project Contact**

Nick Melcher, Director  
USGS, Water Resources Discipline  
Arizona Water Science Center  
520 N. Park Avenue, Suite 221  
Tucson, AZ 85719  
Phone: 520.670.6671  
FAX: 520.670.5592  
E-Mail: [nmelcher@usgs.gov](mailto:nmelcher@usgs.gov)

### **Forest Service Administrative Contact**

Elizabeth Vensel, G&A Specialist  
USDA Forest Service  
Coconino National Forest  
2324 S. Thompson Street  
Flagstaff, AZ 86001  
Phone: 928.527.3561  
FAX: 928.527.3681  
E-Mail: [evensel@fs.fed.us](mailto:evensel@fs.fed.us)

### **Cooperator Administrative Contact**

Margie Gilliland  
USGS, Water Resources Discipline  
Arizona Water Science Center  
520 N. Park Avenue, Suite 221  
Tucson, AZ 85719  
Phone: 520.670.6671 ext. 262  
FAX: 520.670.5592  
E-Mail: [mgilliland@usgs.gov](mailto:mgilliland@usgs.gov)

## Supplement to AD-672 Reimbursement or Advance of Funds

FS Agreement No. 07-IA-11031200-018  
USGS ALC No. 14-080001 FOA  
Cooperator Agreement No. \_\_\_\_\_  
12/21/06

**BILLING.** The maximum total cost liability to the Forest Service for this instrument is \$7,500.00. Transfer of funds to the USGS, Arizona Water Science Center will be through the Treasury Intra-Governmental Payment and Collection System (IPAC) billing. The IPAC billing document which the USGS, Arizona Water Science Center prepares shall contain the following information as the first line of the description or the reference section:

|                                 |                         |
|---------------------------------|-------------------------|
| FS Reference Document No. (MO)  | TBA                     |
| FS Accounting Station           | 0312                    |
| Job Code                        | NFIM1207 for \$7,500.00 |
| FS Agreement No.                | 07-IA-11031200-018      |
| FS Agency Location Code         | 12-40-1100              |
| FS Treasury Symbol              | 12X1106                 |
| Budget Object Code              | 2559                    |
| Performing Agency Location Code | 14-080001               |
| FS DUNS No.                     | 929332484               |
| Performing Agency DUNS No.      | 137882127               |

Send copy of bill to: USDA Forest Service  
Tonto National Forest  
Attn: Grant Loomis  
2324 E. McDowell Road  
Phoenix, AZ 85006

A detailed list of charges incurred will be made available upon request. Any excess funds not used for the agreed costs shall be refunded to the Forest Service upon expiration of this instrument.

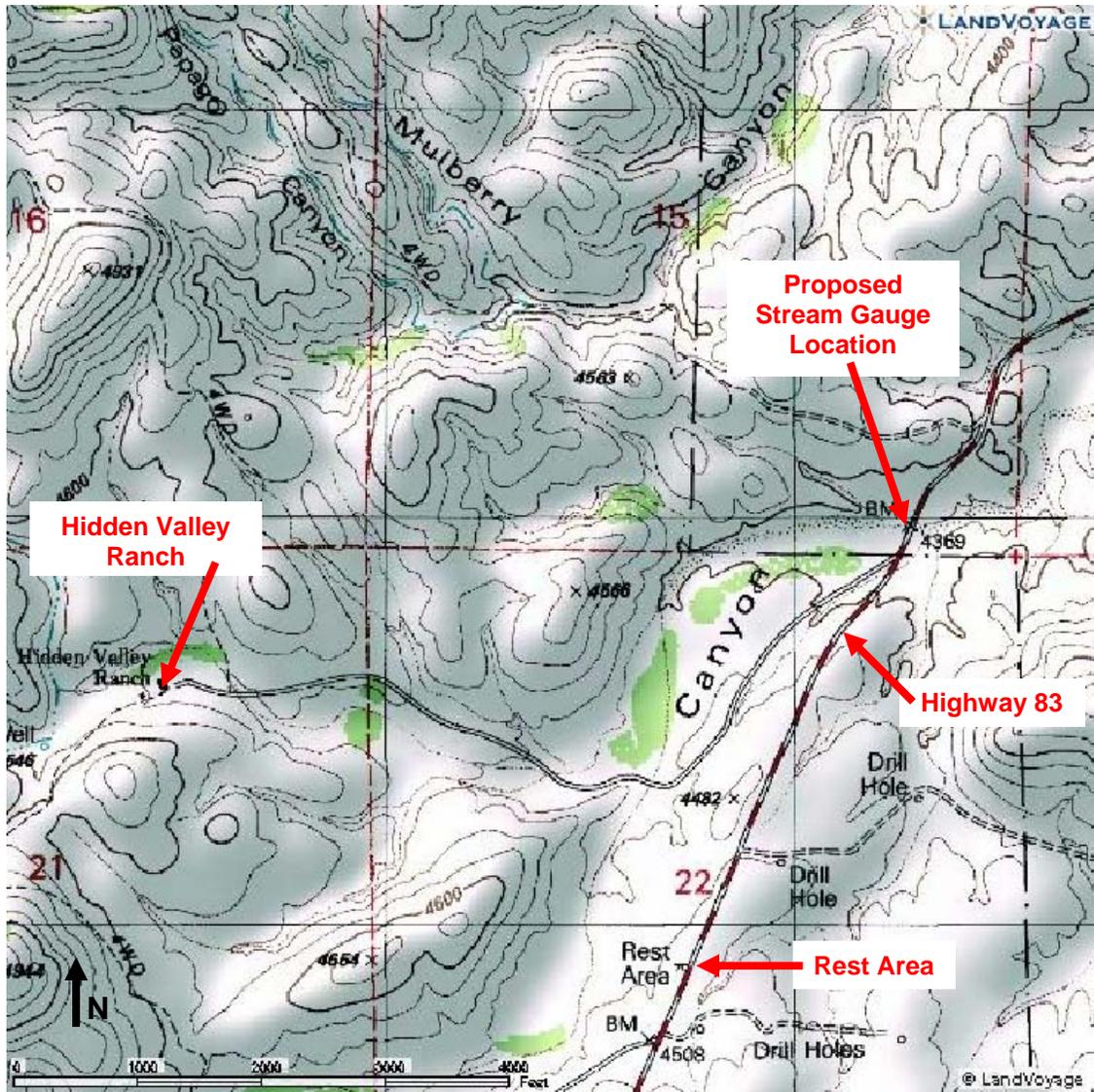
- 7. COMMENCEMENT/EXPIRATION DATE.** This instrument is executed as of the date of last signature and is effective through September 30, 2007 at which time it will expire unless extended.
- 8. AUTHORIZED REPRESENTATIVES.** By signature below, the cooperator certifies that the individuals listed in this document as representatives of the cooperator are authorized to act in their respective areas for matters related to this agreement.



TETRA TECH

---

Figures



**Figure 1 – Proposed Stream Gauge Location**  
Empire Ranch USGS Quadrangle Map

**From:** "joggerst, jamie" <jamie.joggerst@tetrattech.com>  
**Sent:** Tue Jul 29 2008 18:00:41 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "jamie sturgess" <jsturgess@augustaresource.com>; <karnold@augustaresource.com>; <rlaford@fs.fed.us>  
**Subject:** USGS Stream Gauge  
**Attachments:** Letter to BEverson RE USGS Stream Gauge.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

The attached letter is also being sent to you and Reta via USmail.

Thank you,

Jamie Joggerst | Geotechnical Engineer

Phone: 520-297-7723 | Fax: 520-297-7724 | Cell: 520-820-7775

Please note my new email address: Jamie.Joggerst@tetrattech.com

Tetra Tech

3031 West Ina Road | Tucson, AZ85741 | [www.tetrattech.com](http://www.tetrattech.com)

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- Letter to BEverson RE USGS Stream Gauge.pdf

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Mon Aug 10 2009 13:18:03 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Meeting on Reclamation Plan  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Marcie and I would still like to see what Rosemont's reclamation team is working on. Marcie may be coming to Tucson in 2 weeks (to coordinate with Jimmie's site visit), so that would be a good time to have this meeting.

----- Forwarded by Debby Kriegel/R3/USDAFS on 08/10/2009 10:14 AM -----

Kathy Arnold <karnold@rosemontcopper.com>  
06/23/2009 02:53 PM

To  
Beverley A Everson <beverson@fs.fed.us>, Debby Kriegel <dkriegel@fs.fed.us>  
cc  
Jamie Sturgess <jsturgess@augustaresource.com>, "David.Krizek@tetrattech.com"  
<David.Krizek@tetrattech.com>, "Jamie.Joggerst@tetrattech.com" <Jamie.Joggerst@tetrattech.com>  
Subject  
RE: Fw: Meeting on Reclamation Plan

Bev –  
I forwarded Debby's request to David for an update and haven't heard back from him. We are going to have some internal meetings to discuss status and progress before the end of the month and I would like to see how those go before I push him too much. Let's have an informal discussion at the meeting on the 30th.

Cheers!  
Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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From: Beverley A Everson [mailto:[beverson@fs.fed.us](mailto:beverson@fs.fed.us)]  
Sent: Tuesday, June 23, 2009 2:46 PM  
To: Debby Kriegel  
Cc: Kathy Arnold  
Subject: Re: Fw: Meeting on Reclamation Plan

Kathy, can you give Debby and I an update on what your thoughts are on the next meeting and scheduling? Thanks.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Debby Kriegel/R3/USDAFS  
06/17/2009 02:48 PM

To  
Kathy Arnold <[karnold@rosemontcopper.com](mailto:karnold@rosemontcopper.com)>  
cc  
Beverley A Everson/R3/USDAFS@FSNOTES  
Subject  
Fw: Meeting on Reclamation Plan

Hi Kathy,

Just wondering whether your team (Sage & Tetra Tech) are planning to meet with us sometime soon.

Please keep me posted. Thanks!

~~~~~

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
www.fs.fed.us/r3/coronado/  
dkriegel@fs.fed.us

----- Forwarded by Debby Kriegel/R3/USDAFS on 06/17/2009 02:41 PM -----

Debby Kriegel/R3/USDAFS  
06/03/2009 11:23 AM

To  
Kathy Arnold <karnold@rosemontcopper.com>  
cc  
Beverley A Everson <beverson@fs.fed.us>, "Krizek, David" <David.Krizek@tetrattech.com>, mbidwell@swca.com, Debby Kriegel/R3/USDAFS@FSNOTES  
Subject  
Re: Meeting on Reclamation PlanLink

Kathy,

If your team isn't ready to present their work yet, then Meeting after the 15th will be fine.

My availability that week:

Monday, June 15: available from 11 am until 3 pm.

Tuesday, June 16: available only before 9 am (note: I'm usually in the office by 7)

Wednesday, June 17: Bev can let you know if I will need to be at a core team meeting this day. If there's no meeting, I'd be available all day.

Thursday and Friday, June 18 & 19: available any time.

At our meeting on May 7, Joy and David asked for evaluation criteria and affected environment input from SWCA for tomorrow's meeting. I'm reviewing Marcie Bidwell's draft evaluation criteria today, and hopefully she can send this to you within a day or so. The affected environment section is expected by the end of this month.

Thanks.

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress

Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/  
dkriegel@fs.fed.us](http://www.fs.fed.us/r3/coronado/dkriegel@fs.fed.us)

Kathy Arnold <karnold@rosemontcopper.com>  
06/03/2009 10:45 AM

To  
"dkriegel@fs.fed.us" <dkriegel@fs.fed.us>  
cc  
Beverley A Everson <beverson@fs.fed.us>, "Krizek, David" <David.Krizek@tetrattech.com>  
Subject  
Meeting on Reclamation Plan

Debbie –  
I spoke with David yesterday regarding a meeting on the Reclamation Plan items and based on the work that has been completed I think that we would be better off not meeting this week. I have forwarded your shape files to David for consideration and will chat with him either this afternoon or early next week. I propose that we review the possibility of meeting the week of the 15th so that some forward momentum will be made prior to sitting down for discussion as I understand you are unavailable next week.

Regards,  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Sat Aug 02 2008 20:14:31 EDT  
reta laford/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;john able/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;jennifer ruyle/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;walter keyes/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;tami emmett/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;robert lefevre/r3/usdafs@fsnotes;shane lyman/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;christopher c leblanc/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;mary m farrell/r3/usdafs@fsnotes;alan belauskas/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;thomas skinner/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;kendra l bourgart/wo/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;roxane m raley/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;tfurgason@swca.com  
**To:**  
**CC:**  
**Subject:** Rosemont Copper Project IDT Asarco Mission Mine and Mill Tour (Wednesday, August 6)  
**Attachments:** Mission Complex.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Rosemont IDT!

A tour of the Asarco Mission Mine operation is your chance to get a first hand look at some of the activity, specifically a similar pit and milling operation, that Rosemont Copper Company is proposing and that we will be analyzing. Please see the attached table for a comparison between the Mission Mine operation and the Proposed Rosemont Copper Project, and an interesting description of the tour that some of us will be taking this coming Wednesday.

An understanding of the operations that are being proposed is key to a good analysis. Please consider taking this tour even if you have not yet signed up for it (you will need to RSVP to me; to date the following individuals are signed up for the tour; Larry Jones, Mary Farrell, Chuck Blair and John Able).

Although some of you will not be an active part of the analysis (Janet Jones and Roxane Raley, for example), I believe that your understanding of the project will make your work much more interesting, and I hope that you will join this tour.

We will be leaving from the front of the Federal Building at 8:30, with the tour beginning at 9:30 at the Asarco Mineral Discovery Center (an interpretive center on the Mission Mine and mining and ore processing in general), and we'll follow our visit to the discovery center with a tour of the Asarco South mill, where you will learn about crushing and flotation of copper sulfide ore. The lunch location is TBA.

Hope to see you on Wednesday.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305



United States  
Department of  
Agriculture

Forest  
Service

Coronado National Forest  
Supervisor's Office

300 W. Congress  
Tucson, Arizona 85701  
Phone (520) 388-8300  
FAX (520) 388-8305  
Deaf & Hearing Impaired 711

---

File Code: 6270-1

Date: August 20, 2008

Mr. Mark Williams  
P. O. Box 182  
Sonoita, AZ 85637

Dear Mr. Williams:

**FREEDOM OF INFORMATION ACT (FOIA) REQUEST, ID# R3-COR-08-033: MAPS OF GRAZING ALLOTMENTS, HYDROGEOLOGICAL INVESTIGATION SITES, AND GEOTECHNICAL INVESTIGATION SITES FOR ROSEMONT COPPER PROJECT**

Enclosed please find records responsive to the subject FOIA request, which you made in a telephone conversation with Mr. Marc G. Kaplan, Forest FOIA Coordinator, during the week of August 11, 2008, and reiterated in an email to Mr. Kaplan during the week of August 18, 2008.

You requested new information as a follow-up to your previous FOIA request, ID# R3-COR-08-027, to which I responded on June 13, 2008. Specifically, you requested maps of grazing allotments that lie in proximity to or on the proposed Rosemont Copper Project site on the Nogales Ranger District and maps associated with hydrogeological and geotechnical investigations for the same project.

Please refer to the ID number in the subject line on future correspondence regarding this request.

Sincerely,

*/s/ Jeanine A. Derby*  
JEANINE A. DERBY  
Forest Supervisor

Enclosures: 6 maps



**From:** janet jones/r3/usdafs;nsf;jjones03@fs.fed.us;smtp  
**Sent:** Wed Aug 20 2008 14:54:44 EDT  
**To:** paula barnhill/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;tfurgason@swca.com;seventhorse@aol.com  
**CC:** andrea w campbell/r3/usdafs@fsnotes  
**Subject:** 6270-1; FOIA ID# R3-COR-08-033: Maps of Allotments near Rosemont Mine, Maps of Drilling/Boreholes  
**Attachments:** FS\_correspondence.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The following Correspondence is archived in the Records database. Any enclosures will follow the letter in this message.

- FS\_correspondence.doc

To open this document in the Records database, click on this link ->

To access all documents in the National Records Database, click on this link ->

Alexieva\_Tatyana - tailing dams

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Aug 20 2008 09:44:22 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** Alexieva\_Tatyana - tailing dams  
**Attachments:** Alexieva\_Tatyana - tailing dams .doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Per your request.

<<Alexieva\_Tatyana - tailing dams .doc>>  
- Alexieva\_Tatyana - tailing dams .doc

Re: Fw: Seeking meeting date

**From:** jeanine derby/r3/usdafs;nsf;jderby@fs.fed.us;smtp  
**Sent:** Wed Feb 10 2010 15:43:36 EST  
**To:** teresa ann ciapusci/r3/usdafs@fsnotes  
**CC:** melinda d roth/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**Subject:** Re: Fw: Seeking meeting date  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Let's try to pin down a meeting on March 16. I'm supposed to be in Albuquerque at RLT, but I'll adjust if she will agree to a time.

Bev and Mindy, if Teresa Ann can get a commitment from Marjorie Blaine then get SWCA and any other team members appropriate for this meeting lined up to attend.

Jeanine Derby, Forest Supervisor  
Coronado National Forest  
phone: 520 388-8306  
FAX: 520 388-8305

Teresa Ann Ciapusci/R3/USDAFS  
02/09/2010 08:39 AM

To  
Jeanine Derby/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Seeking meeting date

See below. Marjorie is available on March 9, 10, and 16. Are any of these dates that work with your schedule?

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

----- Forwarded by Teresa Ann Ciapusci/R3/USDAFS on 02/09/2010 08:38 AM -----

"Blaine, Marjorie E SPL" <Marjorie.E.Blaine@usace.army.mil>  
02/08/2010 03:37 PM

To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>  
cc

Subject  
RE: Seeking meeting date

9th, 10th, 16th

Marjorie  
In the interest of the environment, please print only if necessary and  
recycle

-----Original Message-----

From: Teresa Ann Ciapusci [mailto:tciapusci@fs.fed.us]  
Sent: Monday, February 08, 2010 3:22 PM  
To: Blaine, Marjorie E SPL  
Subject: RE: Seeking meeting date

What dates do you have available before March 19?

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

"Blaine, Marjorie E SPL" <Marjorie.E.Blaine@usace.army.mil>

02/08/2010 02:14 PM To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>, "Alvarez, Cindy"  
<cindy\_alvarez@blm.gov> cc Subject  
RE: Seeking meeting date

Teresa

I'm not available any of those dates. I don't work on Fridays :(

Marjorie

In the interest of the environment, please print only if necessary and recycle

-----Original Message-----

From: Teresa Ann Ciapusci [mailto:[tciapusci@fs.fed.us](mailto:tciapusci@fs.fed.us)]

Sent: Monday, February 08, 2010 12:41 PM

To: Blaine, Marjorie E SPL; Alvarez, Cindy

Subject: Seeking meeting date

Marjorie and Cindy -

I'm working on establishing a date for the responsible officials to meet for a final look at the range of alternatives for the Rosemont Copper Project DEIS. Jeanine has the following dates available: March 1, 2 or 5 in the afternoon or any time on March 12. Please let me know which of these dates works best for your schedules.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

**August 26, 2008, SWCA/  
Forest Service Rosemont Overview  
Meeting Agenda**

**Location:** Conference call

**Attendees:** Bev Everson, Kendra Bourgart, Tom Furgason, Melissa Reichard, Teresa Ann Ciapusci, John Able, John MacIvor

**Agenda:**

Content Analysis update (SWCA)

McGreevy FOIA response status

IDT Kickoff on Sept 10

- Welcome and opening statement from Jeanine Derby

- Team operations (Laford)

- PIL

- ethics and conduct

- team member roles and roles of SWCA/proponent/proponent consultants

- communication

- MOU and collection agreement with Rosemont

- NEPA timeline (Ciapusci and Furgason?)

- Rosemont Junction area history (Gillespie)

- Overview of project and project geology (Everson)

- Legal framework/locatable minerals direction and policy/patenting (Linden)

- Webex (Able)

- Team meeting scheduling (Everson)

Drilling closeout, compliance documentation (wildlife, archeology); field visit to inspect reclamation

Other field trips and technology transfer needed? (scheduling)

Scoping party

Other business

agenda for conference call today

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Aug 26 2008 11:14:14 EDT  
**To:** teresa ann ciapusci/r3/usdafs@fsnotes;tfurgason@swca.com;jmacivor@swca.com;mreichard@swca.com;beverley a everson/r3/usdafs@fsnotes;kendra l bourgart/wo/usdafs@fsnotes;john able/r3/usdafs@fsnotes  
**CC:**  
**Subject:** agenda for conference call today  
**Attachments:** meeting\_agenda\_August\_26,2008.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** carl ostermann/r3/usdafs;nsf;costermann@fs.fed.us;smtp  
**Sent:** Thu Aug 28 2008 14:55:54 EDT  
**To:** marc kaplan/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;furgason@swca.com;paula barnhill/r3/usdafs@fsnotes;anniemcgreevy@gmail.com  
**CC:**  
**Subject:** 6270-1; FOIA ID# R3-COR-08-030: Rosemont Project Record Files, April through July 2008  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The following doclink will open the Correspondence document "FOIA ID# R3-COR-08-030: Rosemont Project Record Files, April through July 2008" in the Records database:

To access all documents in the National Records Database, click on this link ->

Re: Seed Mix

**From:** karnold@augustaresource.com  
**Sent:** Thu Jul 31 2008 18:47:09 EDT  
**To:** "beverley a. everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** Re: Seed Mix  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thank you  
Sent from my Verizon Wireless BlackBerry

-----Original Message-----

From: Beverley A Everson <beverson@fs.fed.us>

Date: Thu, 31 Jul 2008 14:55:17  
To: <karnold@augustaresource.com>  
Subject: Fw: Seed Mix

FYI

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/31/2008 02:54 PM  
-----

Kendall  
Brown/R3/USDAFS  
To  
07/31/2008 02:42 Beverley A  
PM Everson/R3/USDAFS@FSNOTES  
cc

Subject  
Re: Fw: Seed Mix(Document link:  
Beverley A Everson)

Bev,  
On your attachment it shows two seed mixes, I believe. Either one is a great choice.

D. Kendall Brown  
Acting Range Program Manager  
Coronado National Forest  
(520) 237-3702  
E-mail: kbrown03@fs.fed.us

Beverley A  
Everson/R3/USDAFS  
To  
07/31/2008 02:14 Kendall Brown/R3/USDAFS@FSNOTES  
PM cc

Subject  
Fw: Seed Mix

Kendall,

This is the mix that Kathy said they have started using in the drilling reclamation. Does it look okay to you, or do you want to change it?

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/31/2008 02:04 PM  
-----

Kathy Arnold  
<karnold@augustar  
esource.com> To  
'Beverley A Everson'  
07/25/2008 04:20 <beverson@fs.fed.us>

PM cc

Subject

Please respond to Seed Mix  
karnold@augustare  
source.com

Bev –

Attached is the seed mix that we have been using at the exploration drill sites at Rosemont. Please let me know if this will be okay for use on the Forest Service or if there is another mix you would prefer.

Thank you –  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@augustaresource.com

(Embedded image moved to file: pic20998.jpg)

Rosemont Copper Company

P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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(See attached file: Native Southeastern Arizona Grass Seed Mix 8 Species.doc)

Native Southeastern Arizona Grass Seed Mix 8 Species /

% / Species / Common Name / Lot # / Purity / Inert / Other Crop / Weed / Viability / Test Date

10 Bouteloua curtipendula / Sideoats Grama 0715 / 76.82 / 23.11 / .07 / .0 / 86% / 11/06  
20 Bouteloua gracilis / Blue Grama 0709 / 61.43 / 37.42 / 0.94 / 0.21 / 89% / 11/06  
03 Bouteloua rothrockii / Rothrock Grama 0714 / 96.25 / 3.75 / 0 / 0 / 70% / 10/06  
20 Leptochloa dubia / Green Sprangletop 0704 / 88.99 / 10.91 / .05 / .05 / 89% / 12/06  
20 Plantago insularis / Indian Wheat 0713 / 99.25 / .63 / .02 / .1 / 93% / 11/06  
12 Schizyachrium scoparium / Little Bluestem 0710 / 64.99 / 34.92 / 0 / .09 / 89% / 12/06  
12 Sporobolus cryptandrus / Sand Dropseed 0711 / 99.87 / 0.10 / 0 / .03 / 98% / 2/07  
03 Vulpia microstachys / Small-flowered Fescue / 0712 / 99.34 / .58 / 0 / .08 / 74% / 12/06

Planting Rate: 20- 40 lbs per acre

Southeastern Arizona Native Grass Mix / 14 Species /

% of Mix / Species

4 Andropogon barbinooides / Cane Beardgrass  
12 Bouteloua curtipendula / Sideoats Grama  
10 Bouteloua gracilis / Blue Grama  
4 Bouteloua rothrockii / Rothrock Grama  
2 Eragrostis intermedia / Plains Lovegrass  
3 Festuca microstachys / Small Flowered Fescue  
10 Leptochloa dubia / Green Sprangletop  
10 Plantago insularis / Indian Wheat  
10 Schizyachrium scoparium / Little Bluestem  
8 Setaria macrostachys / Plains Bristlegrass  
10 Sporobolus airoides / Sacaton  
10 Sporobolus cryptandrus / Sand Dropseed  
5 Sporobolus giganteus / Giant Dropseed  
2 Trichachne californica / Arizona Cottontop

Suggested Planting Rates 15-30 lbs per acre

**From:** kendall brown/r3/usdafs;nsf;kbrown03@fs.fed.us;smtp  
**Sent:** Thu Jul 31 2008 17:42:36 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Fw: Seed Mix  
**Attachments:** Native Southeastern Arizona Grass Seed Mix 8 Species.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Bev,  
On your attachment it shows two seed mixes, I believe. Either one is a great choice.

D. Kendall Brown  
Acting Range Program Manager  
Coronado National Forest  
(520) 237-3702  
E-mail: kbrown03@fs.fed.us

Beverley A Everson/R3/USDAFS  
07/31/2008 02:14 PM

To  
Kendall Brown/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Seed Mix

Kendall,

This is the mix that Kathy said they have started using in the drilling reclamation. Does it look okay to you, or do you want to change it?

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor

Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/31/2008 02:04 PM -----

Kathy Arnold <karnold@augustaresource.com>

07/25/2008 04:20 PM

Please respond to  
karnold@augustaresource.com

To  
'Beverley A Everson' <beverson@fs.fed.us>  
cc

Subject  
Seed Mix

Bev –

Attached is the seed mix that we have been using at the exploration drill sites at Rosemont. Please let me know if this will be okay for use on the Forest Service or if there is another mix you would prefer.

Thank you –  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@augustaresource.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Aug 07 2008 20:58:12 EDT  
**To:** deseret.romero@pima.gov  
**CC:**  
**Subject:** Fw: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com R  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Deseret,

I want to add the attachment you tried to send to the administrative record for the project, but there is no content other than the title. Can you please give me the content? Fax or hard copy will work if you can't submit it via email. Thank you.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/07/2008 05:56 PM -----

Reta Laford/R3/USDAFS  
06/30/2008 01:50 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com R

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)  
Fax: 520-388-8305  
Email: rlaford@fs.fed.us

-----  
----- Forwarded by Reta Laford/R3/USDAFS on 06/30/2008 01:49 PM -----

"Deseret Romero" <deseret.romero@pima.gov>  
06/30/2008 10:42 AM

To  
"Jamie Sturgess" <jsturgess@augustaresource.com>, "Reta Laford" <rlaford@fs.fed.us>  
CC  
"Nicole Fyffe" <Nicole.Fyffe@pima.gov>  
Subject  
RE: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com R

Good Morning,

Attached is the link for the full report. Please let me know if you have any questions or problems.

<http://www.pima.gov/cob/e-agenda/07012008/AD%20E%20orig%20mat-&%20Comments%20on%20Rosemont%20Mine.pdf>

Deseret Romero  
520-740-8450

From: Nicole Fyffe  
Sent: Monday, June 30, 2008 10:33 AM  
To: 'Jamie Sturgess'; Reta Laford  
Cc: Deseret Romero  
Subject: RE: Supervisors to consider possible national security risk of Rosemont mine  
www.tucsoncitizen.com ®

Jaime and Reta, Deseret will send you link to report to the Board that we completed Friday. I will be out of the office untill about 4pm today.

-Nicole

From: Jamie Sturgess [mailto:jsturgess@augustaresource.com]  
Sent: Saturday, June 28, 2008 7:22 AM  
To: Nicole Fyffe; Reta Laford  
Subject: FW: Supervisors to consider possible national security risk of Rosemont mine  
www.tucsoncitizen.com ®  
June 29, 2008

Nicole Fyffe  
Assistant to Pima County Administrator

Dear Nicole:

Please send me copies of any and all Pima County correspondence, letters, emails, or studies that relate to the comments attributed to Mr. Huckleberry that the Rosemont Mine presents a threat to national security due to interference with military defense flights.

We are unaware of any such implications, and are quite interested to determine the source of Mr. Huckleberry's concerns and allegations.

If there are no supporting sources of documentation, please advise.

Best regards,

Jamie Sturgess

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Sat Aug 09 2008 17:31:06 EDT  
**To:** "nicole fyffe" <nicole.fyffe@pima.gov>  
**CC:**  
**Subject:** RE: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com R  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The CD will work. Thanks very much, Nicole.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Nicole Fyffe" <Nicole.Fyffe@pima.gov>  
08/08/2008 09:54 AM

To  
"Deseret Romero" <deseret.romero@pima.gov>, "Beverley A Everson" <beverson@fs.fed.us>  
cc

Subject  
RE: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com R

Hi Beverly. Please note that the scoping comments that we took to the Board for approval are slightly different than what we sent to you in hard copy as our actual comments. We asked the Board when they approved the comments to approve us including additional info before we actually sent to you, and so we did. So if you're intent is to link to our final comments to you, then this link won't work b/c it is just to the draft comments. We could send you a CD of final comments if you are looking for them electronically? Thanks Beverly.

-Nicole

-----Original Message-----

From: Deseret Romero  
Sent: Friday, August 08, 2008 9:49 AM  
To: 'Beverley A Everson'  
Subject: RE: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com R

Good Morning,

Attached is the link to the contents that I believe you were looking for. One document is over 200 pages and the other is only two, but to make sure are able to access, I've tested the link and it seems to work for me. Please let me know if you have any problems.

<http://www.pima.gov/cob/e-agenda/07012008/AD%20E%20orig%20mat-&%20Comments%20on%20Rosemont%20Mine.pdf>

Thank you,  
Deseret Romero  
County Administrator's Office  
130 West Congress, 10th Floor  
Tucson, Arizona 85701  
Phone: 740-8450

-----Original Message-----

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, August 07, 2008 5:58 PM  
To: Deseret Romero  
Subject: Fw: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com R

Hi Deseret,

I want to add the attachment you tried to send to the administrative record for the project, but there is no content other than the title. Can you please give me the content? Fax or hard copy will work if you can't submit it via email. Thank you.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/07/2008 05:56 PM

-----

Reta

Laford/R3/USDAFS

To  
06/30/2008 01:50 Beverley A

PM Everson/R3/USDAFS@FSNOTES

cc

Subject  
Fw: Supervisors to consider

possible national security risk  
of  
Rosemont mine  
www.tucsoncitizen.com  
R

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)  
Fax: 520-388-8305  
Email: rlaford@fs.fed.us

-----  
----- Forwarded by Reta Laford/R3/USDAFS on 06/30/2008 01:49 PM -----

"Deseret Romero"

<deseret.romero@p

ima.gov>

To  
"Jamie Sturgess"

06/30/2008 10:42 <jsturgess@augustaresource.com> ,

AM "Reta Laford" <rlaford@fs.fed.us>

cc  
"Nicole Fyffe"

<Nicole.Fyffe@pima.gov>

Subject  
RE: Supervisors to consider

possible national security risk  
of  
Rosemont mine  
www.tucsoncitizen.com  
R

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Cc: Deseret Romero  
Subject: RE: Supervisors to consider possible national security risk of  
Rosemont mine www.tucsoncitizen.com (r)

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Subject: FW: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com (r)  
June 29, 2008

Nicole Fyffe  
Assistant to Pima County Administrator

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Best regards,

Jamie Sturgess

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Jan 03 2008 18:27:24 EST  
**To:** "van reed" <van@zonge.us>  
**CC:**  
**Subject:** Re: Rosemont IP/NSAMT Zonge Survey  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thank you for the update, Van.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Van Reed" <van@zonge.us>  
01/03/2008 02:46 PM

To  
"Beverley A Everson" <beverson@fs.fed.us>, "Bruce Mackenzie" <brucemack@worldnet.att.net>, "Keith L Graves" <klgraves@fs.fed.us>  
cc  
"Craig W. Beasley" <cwbeasley@wavegeophysics.com>, "Mike Clarke" <mclarke@augustaresource.com>  
Subject  
Rosemont IP/NSAMT Zonge Survey

Field work for this geophysical survey was completed on December 22nd. Geophysical equipment and receiver wire used on the grid were removed by the crew on the 22nd.

Transmitter wire and current/high-voltage electrodes used for the transmitter dipole were removed from the field during the week of Dec 24th .

Zonge Engineering has completed the ground geophysical work program. If there are any questions, please contact me.

Best Regards,

Emmett V Reed (Van), Managing Geophysicist  
Zonge Engineering & Research Organization  
3322 E. Fort Lowell Road  
Tucson, Arizona USA 85716  
Voice:1 (520) 327-5501 Fax:1 (520) 325-1588  
EMAIL: van@Zonge.us

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Aug 15 2008 20:30:46 EDT  
**To:** "deseret romero" <deseret.romero@pima.gov>  
**CC:**  
**Subject:** RE: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com R  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I received the CD. Thank you so much.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Deseret Romero" <deseret.romero@pima.gov>  
08/12/2008 09:43 AM

To  
"Beverley A Everson" <beverson@fs.fed.us>  
cc

Subject  
RE: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com R

Good morning,

I apologize; I was out of the office yesterday but did see your correspondence with Nicole and will be sending you a CD.

Thank you,  
Deseret Romero  
County Administrator's Office  
130 West Congress, 10th Floor  
Tucson, Arizona 85701  
Phone: 740-8450

-----Original Message-----

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Friday, August 08, 2008 1:01 PM  
To: Deseret Romero  
Subject: RE: Supervisors to consider possible national security risk of  
Rosemont mine www.tucsoncitizen.com R

Hi Deseret,

It still won't open. It may be our firewall that is keeping me from  
being  
able to access it.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Deseret Romero"

<deseret.romero@p

ima.gov>

To

"Beverley A Everson"

08/08/2008 09:49 <beverson@fs.fed.us>

AM

cc

Subject

RE: Supervisors to consider

possible national security risk  
of  
Rosemont mine  
www.tucsoncitizen.com  
R

Good Morning,

Attached is the link to the contents that I believe you were looking for. One document is over 200 pages and the other is only two, but to make sure are able to access, I've tested the link and it seems to work for me. Please let me know if you have any problems.

<http://www.pima.gov/cob/e-agenda/07012008/AD%20E%20orig%20mat-&%20Comments%20on%20Rosemont%20Mine.pdf>

Thank you,  
Deseret Romero  
County Administrator's Office  
130 West Congress, 10th Floor  
Tucson, Arizona 85701  
Phone: 740-8450

-----Original Message-----

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, August 07, 2008 5:58 PM  
To: Deseret Romero  
Subject: Fw: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com R

Hi Deseret,

I want to add the attachment you tried to send to the administrative record for the project, but there is no content other than the title. Can you please give me the content? Fax or hard copy will work if you can't submit it via email. Thank you.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/07/2008 05:56 PM

Reta

Laford/R3/USDAFS

To  
06/30/2008 01:50 Beverley A

PM Everson/R3/USDAFS@FSNOTES

cc

Subject  
Fw: Supervisors to consider

possible national security risk  
of  
Rosemont mine  
www.tucsoncitizen.com  
R

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)  
Fax: 520-388-8305  
Email: rlaford@fs.fed.us

-----  
----- Forwarded by Reta Laford/R3/USDAFS on 06/30/2008 01:49 PM -----

"Deseret Romero"

<deseret.romero@p

ima.gov>

To

"Jamie Sturgess"

06/30/2008 10:42 <jsturgess@augustaresource.com> ,

AM "Reta Laford" <rlaford@fs.fed.us>

cc

"Nicole Fyffe"

<Nicole.Fyffe@pima.gov>

Subject

RE: Supervisors to consider

possible national security risk

of

Rosemont mine

www.tucsoncitizen.com

R

Good Morning,

Attached is the link for the full report. Please let me know if you have any questions or problems.

<http://www.pima.gov/cob/e-agenda/07012008/AD%20E%20orig%20mat-&%20Comments%20on%20Rosemont%20Mine.pdf>

Deseret Romero

520-740-8450

From: Nicole Fyffe  
Sent: Monday, June 30, 2008 10:33 AM  
To: 'Jamie Sturgess'; Reta Laford  
Cc: Deseret Romero  
Subject: RE: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com (r)

Jaime and Reta, Deseret will send you link to report to the Board that we completed Friday. I will be out of the office until about 4pm today.

-Nicole

From: Jamie Sturgess [mailto:jsturgess@augustaresource.com]  
Sent: Saturday, June 28, 2008 7:22 AM  
To: Nicole Fyffe; Reta Laford  
Subject: FW: Supervisors to consider possible national security risk of Rosemont mine www.tucsoncitizen.com (r)  
June 29, 2008

Nicole Fyffe  
Assistant to Pima County Administrator

Dear Nicole:

Please send me copies of any and all Pima County correspondence, letters, emails, or studies that relate to the comments attributed to Mr. Huckleberry that the Rosemont Mine presents a threat to national security due to interference with military defense flights.

We are unaware of any such implications, and are quite interested to determine the source of Mr. Huckleberry's concerns and allegations.

If there are no supporting sources of documentation, please advise.

Best regards,

Jamie Sturgess

Fw: Seed Mix

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Aug 22 2008 15:12:14 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Seed Mix  
**Attachments:**

**Importance:** Normal  
**Priority:** Normal  
**Sensitivity:** None

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/22/2008 12:12 PM -----

karnold@augustaresource.com  
07/31/2008 03:47 PM

Please respond to  
karnold@augustaresource.com

To  
"Beverley A. Everson" <beverson@fs.fed.us>  
cc

Subject  
Re: Seed Mix

Thank you  
Sent from my Verizon Wireless BlackBerry

-----Original Message-----  
From: Beverley A Everson <beverson@fs.fed.us>

Date: Thu, 31 Jul 2008 14:55:17  
To: <karnold@augustaresource.com>  
Subject: Fw: Seed Mix

FYI

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/31/2008 02:54 PM  
-----

Kendall  
Brown/R3/USDAFS  
To  
07/31/2008 02:42 Beverley A  
PM Everson/R3/USDAFS@FSNOTES  
cc

Subject  
Re: Fw: Seed Mix(Document link:  
Beverley A Everson)

Bev,  
On your attachment it shows two seed mixes, I believe. Either one is a  
great choice.

D. Kendall Brown  
Acting Range Program Manager  
Coronado National Forest  
(520) 237-3702  
E-mail: kbrown03@fs.fed.us

Beverley A  
Everson/R3/USDAFS  
To  
07/31/2008 02:14 Kendall Brown/R3/USDAFS@FSNOTES  
PM cc

Subject  
Fw: Seed Mix

Kendall,

This is the mix that Kathy said they have started using in the drilling reclamation. Does it look okay to you, or do you want to change it?

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/31/2008 02:04 PM

-----

Kathy Arnold  
<karnold@augustare  
source.com> To  
'Beverley A Everson'  
07/25/2008 04:20 <beverson@fs.fed.us>  
PM cc

Subject  
Please respond to Seed Mix  
karnold@augustare  
source.com

Bev –

Attached is the seed mix that we have been using at the exploration drill sites at Rosemont. Please let me know if this will be okay for use on the Forest Service or if there is another mix you would prefer.

Thank you –  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@augustaresource.com

(Embedded image moved to file: pic20998.jpg)

Rosemont Copper Company

P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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(See attached file: Native Southeastern Arizona Grass Seed Mix 8 Species.doc)

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Aug 22 2008 15:05:38 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Seed Mix  
**Attachments:**

**Importance:** Normal  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/22/2008 12:05 PM -----

Kendall Brown/R3/USDAFS  
07/31/2008 02:42 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc

Subject  
Re: Fw: Seed Mix

Bev,  
On your attachment it shows two seed mixes, I believe. Either one is a great choice.

D. Kendall Brown  
Acting Range Program Manager  
Coronado National Forest  
(520) 237-3702  
E-mail: kbrown03@fs.fed.us

Beverley A Everson/R3/USDAFS  
07/31/2008 02:14 PM

To  
Kendall Brown/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Seed Mix

Kendall,

This is the mix that Kathy said they have started using in the drilling reclamation. Does it look okay to you, or do you want to change it?

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/31/2008 02:04 PM -----

Kathy Arnold <karnold@augustaresource.com>  
07/25/2008 04:20 PM

Please respond to  
karnold@augustaresource.com

To  
'Beverley A Everson' <beverson@fs.fed.us>  
cc

Subject  
Seed Mix

Bev –

Attached is the seed mix that we have been using at the exploration drill sites at Rosemont. Please let me know if this will be okay for use on the Forest Service or if there is another mix you would prefer.

Thank you –  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@augustaresource.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** "joggerst, jamie" <jamie.joggerst@tetrattech.com>  
**Sent:** Mon Aug 25 2008 15:10:54 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "kathy arnold" <karnold@augustaresource.com>; <emcguire@usgs.gov>; <cfsmith@usgs.gov>  
**Subject:** USGS Stream Gauge Budget  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I spoke with Chris Smith from the USGS and it looks like all the money for the stream gauge will need to go through the CNF. It is not possible to work a direct payment from Rosemont into the contract terms.

Therefore, the 2008 budget between you and Rosemont will need to be increased by an additional \$26,000 in order to include costs for annual maintenance and possible cableway installation.

In summary, below is a break down of the 2008 costs:

\$30,000 Stream gauge installation (costs already accounted for)

\$16,000 Annual stream gauge maintenance

\$10,000 Cableway for high flow measurements

Total Cost \$56,000

Please feel free to call me if you have any questions. I'm in the Elko, NV office all this week so please call on my cell 520-820-7775.

Thanks

Jamie Joggerst | Geotechnical Engineer

Phone: 520-297-7723 | Fax: 520-297-7724 | Cell: 520-820-7775

Tetra Tech

3031 West Ina Road | Tucson, AZ85741 | [www.tetrattech.com](http://www.tetrattech.com)

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**From:** brian lindenlaub <blindenlaub@westlandresources.com>  
**Sent:** Fri Sep 26 2008 13:18:35 EDT  
**To:** 'deborah k sebesta' <dsebesta@fs.fed.us>  
beverley a everson <beverson@fs.fed.us>;mike martinez <mike\_martinez@fws.gov>;tom furgason  
<tfurgason@swca.com>;'kathy arnold' <karnold@rosemontcopper.com>;'jamie sturgess'  
<jsturgess@augustaresource.com>;jim tress <jtress@westlandresources.com>  
**Subject:** RE: Rosemont Talussnail meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

My apologies. No, the meeting is at noon and we will provide lunch.

Brian Lindenlaub | Principal

WestLand Resources, Inc.

From: Deborah K Sebesta [mailto:dsebesta@fs.fed.us]  
Sent: Friday, September 26, 2008 10:11 AM  
To: Brian Lindenlaub  
Cc: Beverley A Everson; Mike Martinez; Tom Furgason; 'Kathy Arnold'; 'Jamie Sturgess'; Jim Tress  
Subject: Re: Rosemont Talussnail meeting

Brian,

Are we still meeting at 2:30?

Debbie Sebesta, District Biologist  
Coronado National Forest  
Nogales Ranger District  
303 Old Tucson Road  
Nogales, AZ 85624  
Voice: 520-761-6009  
Cell: 520-260-7702  
Fax: 520-281-2396  
E-mail: dsebesta@fs.fed.us

-----Brian Lindenlaub <blindenlaub@westlandresources.com> wrote: -----

To: Beverley A Everson <beverson@fs.fed.us>, Deborah K Sebesta <dsebesta@fs.fed.us>, Mike Martinez <mike\_martinez@fws.gov>, Tom Furgason <tfurgason@swca.com>

From: Brian Lindenlaub <blindenlaub@westlandresources.com>

Date: 09/24/2008 06:27PM

cc: 'Kathy Arnold' <karnold@rosemontcopper.com>, 'Jamie Sturgess' <jsturgess@augustaresource.com> ,

Jim Tress <jtress@westlandresources.com>

Subject: Rosemont Talussnail meeting

All,

We are scheduled to meet at WestLand's offices on Monday, September 29 th to discuss our efforts and findings to date related to the Rosemont talussnail. We will be prepared to discuss other biological resource and sensitive species surveys at that time as well.

We look forward to seeing you there.

Regards,

Brian Lindenlaub | Principal

WestLand Resources, Inc.

4001 E Paradise Falls Drive| Tucson, AZ85712

Office: (520) 206-9585 | Fax: (520) 206-9518

This e-mail and any attachments may contain confidential and privileged information. If you are not the intended recipient, please notify the sender immediately by return e-mail, delete this e-mail and destroy any copies. Any dissemination or use of this information by a person other than the intended recipient is unauthorized and may be illegal.

# Public Lands News®

Editor: James B. Coffin  
Subscription Services: Celina Richardson

Volume 35 Number 7, April 2, 2010

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## Oil and gas agreement calls for more climate analysis

BLM will be closely watched to see if it makes a national precedent of an agreement in Montana that calls for additional review of the impact of oil and gas leasing on climate change.

At issue is an agreement between the Obama administration and conservation groups that recommends additional climate change analysis by BLM on 61 leases that have been bid on but not yet issued. The agreement was announced March 18.

At this point BLM is not saying the agreement represents a tough new national policy. But the Interior Department from Secretary of Interior Ken Salazar on down has made no bones about its intention to emphasize climate change in every decision.

BLM spokesman Matt Spangler said this week that BLM has not decided yet if the Montana agreement will set a precedent for other states. "It's premature to say whether this case will impact our climate change and NEPA guidance," he said.

In the Montana agreement the Obama administration said it would conduct additional environmental review of the 61 leases, including the application of Secretarial Order 3226 of Sept. 13, 2009. That order directed all agencies to follow a Clinton administration policy and analyze climate change impacts in management plans. The Bush administration had essentially vacated the Clinton mandate.

In the agreement the parties first said BLM will suspend the 61 leases and second conduct an environmental review under the National Environmental Policy Act that "will integrate other environmental review procedures to the extent required by other federal statutes, regulations, and agency policies and procedures, including (the Federal Land Policy and Management), the (Mineral Leasing Act), and Secretarial Order 3226."

The conservation groups that brought a test lawsuit against BLM view the decision as a possible West-wide precedent. "While our agreement with BLM is a modest first step, we hope it signals a broader commitment by BLM across the American West to reduce climate pollution from federally-authorized oil and gas decisions," said Jeremy Nichols of WildEarth Guardians.

An industry official with the Independent Petroleum Association of Mountain States (IPAMS) said an analysis of climate change impacts before leases are issued may be fruitless. "However a larger issue is that analysis of GHG (green house gas) emissions and climate change at the leasing stage is speculative, since it's not known whether a lease contains recoverable quantities of natural gas or oil, and how many wells and associated infrastructure would be necessary to develop the resources," said Kathleen M. Sgamma, director of government affairs for IPAMS.

IPAMS is following a similar lawsuit in New Mexico where BLM has been analyzing climate change impacts on sold but not yet issued leases, said Sgamma. She said the NEPA analysis there is stronger than in Montana.

Indeed, for an April 22, 2009, sale the New Mexico BLM prepared an environmental assessment (EA) that provides new analysis of the impact of oil and gas development on green house gases.

Tony Herrell, deputy BLM state director for minerals in New Mexico, told us the situation there differs from Montana. Whereas Montana prepares just one NEPA document prior to leasing as part of a resource management plan, New Mexico adds another tier of environmental review.

"In New Mexico we take one step further once we get lease nominations," he said. "We prepare an environmental review tiered to look at energy issues. We did do an analysis for green house gases and methane when we did an EA for these leases." Herrell would not venture a guess on how well his EA would do in court.

The conservation groups filed the Montana lawsuit in December 2008 to object to a final Bush administration oil and gas lease sale in Montana. The groups said that methane from oil and gas development releases pollutants that are 72 times more harmful to the climate than carbon dioxide. The groups argue that BLM should require new technologies to reduce greenhouse gases, i.e. methane.

"It may seem unlikely, but there are a host of proven, cost-effective technologies and practices which reduce climate pollution, increase royalties to federal and state governments, and keep oil and gas resources in the pipeline for use by homes, schools, and businesses," said Nichols.

The case is titled *Montana Environmental Information Center, et al. v. BLM, Case No. 08-178-M-DWM*. The agreement is between BLM and Salazar on one side and the Montana Environmental Information Center and other conservation groups on the other. Assistant Attorney General for the Environment Ignacia S. Moreno signed for the government.

The agreement and the lawsuit are available at: <http://westernlaw.org/news>.

## Obama team announces outdoors initiative; monuments?

The Obama administration announced March 26 the first step in its plans for an America's Great Outdoors initiative - a White House conference on April 16.

Instead of immediately laying out a set of concrete proposals the administration said it would first listen to interest groups and the American people. Said Secretary of Interior Ken Salazar, "The conference is a great chance to learn about these efforts, start a new dialogue about conservation in America, and find ways to further the work that is already going on in cities and towns, counties and states throughout the country."

If and when the initiative is fleshed out, insiders believe it could include:

- \* the designation of a number of national monuments on BLM land,
  - \* full funding for the Land and Water Conservation Fund,
  - \* revitalization of the National Park System in time for its 100<sup>th</sup> Anniversary in 2016,
  - \* an omnibus public lands and parks bill (as is in the works now in Congress),
- or
- \* all of the above.

The Wilderness Society immediately recommended the administration move to protect 10 landscape-scale areas. The society did not identify the ten areas other than to say they would consist of "connected landscapes."

The source of the billions of dollars to carry out an ambitious initiative will be most controversial and has not been identified publicly. However, Salazar has said in a dozen Congressional hearings that he has his eye on offshore oil and gas royalties. And, perhaps, on a sharp increase in onshore oil and gas royalties.

The Council on Environmental Quality told *PLN* it will invite "ranchers, farmers, sportsmen, State and local government leaders, Tribal leaders, public lands experts, conservationists, youth leaders, business representatives and others who view the outdoors as integral to their communities" to the webcast event.

The Obama administration chose a Friday afternoon - the burial ground for unpopular announcements - to reveal its plans for an America's Great Outdoors initiative. And a Friday afternoon when Congress had left town for a two-week Easter vacation.

Hosting the White House conference will be Salazar, Secretary of Agriculture Tom Vilsack and the chair of the White House Council on Environmental Quality, Nancy Sutley.

What the initiative produces remains to be seen. "I think it is going in

several different directions," said Alan Rowsome, conservation advocacy associate for The Wilderness Society. "The initiative for now is providing a chance for people to lay out ideas. We hope ranchers and communities will participate and provide leadership."

Perhaps the administration wanted to downplay the announcement because of the furor caused by an internal Interior Department review of possible BLM monument designations.

The monuments controversy was touched off February 18 by the release by House Republicans of an Interior Department document that suggested the administration was evaluating 14 BLM-managed areas as possible national monuments.

Salazar immediately went to the Hill and promised to follow a public process before the White House designates more national monuments. But he also hinted to Sen. Jon Tester (D-Mont.) at a March 9 Senate Appropriations Committee hearing that something was in the works.

"There have been conversations, Mr. Tester, like the conversations I've had with you over the last year, and that is it has been 102 years since President (Theodore) Roosevelt called the leaders of the nation together to launch a conservation agenda," said Salazar.

One of Salazar's toughest critics, Sen. Bob Bennett (R-Utah), said he is working on a major San Juan County lands/wilderness bill and hopes to see it enacted this year. "I anticipate by the end of this Congress Mr. Chairman we will have a San Juan land use bill ready to go and ready to be signed by the President in the same way the Washington County one was," he said. His proposal could be a central plank in an America's Great Outdoors initiative.

The 14 possible monuments are located in Arizona (1), California (4), Colorado (1), Montana (1), Nevada (1), New Mexico (2), Oregon (1), Utah (2) and Washington (1). The Interior document says 1,618,140 acres would be involved, including 397,210 acres of state and private land. Acquisition of the land would cost more than \$2 billion.

## Feinstein apprehensive about FS restoration program

Sen. Dianne Feinstein (D-Calif.), the influential appropriator who oversees the Forest Service budget, is expressing reservations about a proposal to group numerous agency programs into one restoration program.

In a March 17 hearing on the Forest Service's fiscal year 2011 budget request Feinstein said, "The administration has proposed this initiative to provide flexibility to fund restoration work it plans to do on the ground. My concern is this budget request leaves a lot of questions unanswered."

Among other things she worries that timber sales will be forgotten in restoration projects. She asked Forest Service Chief Tom Tidwell, "I hope you can provide some clarity on how much timber the Forest Service intends to produce in fiscal year (2011) and how you intend to implement such a large increase through the use of stewardship contracting."

Feinstein's questions reflect the uncertainty expressed by four senators on the Senate Energy Committee in a February 24 hearing. Sens. Lisa Murkowski (R-Alaska), Blanche Lincoln (D-Ark.), Ron Wyden (D-Ore.) and Jeanne Shaheen (D-N.H.) all worried about a decrease in timber sales if the sales were not singled out in the budget.

Feinstein is in a much stronger position to accept or reject the Forest Service proposal than the Senate Energy Committee members. As chairman of the Senate subcommittee on Interior and Related Agencies appropriations she will be writing the bulk of a fiscal year 2011 money bill for the Forest Service

Tidwell told Feinstein, as he told the Senate Energy Committee, that stewardship timber sales as part of restoration contracts would be a far more reliable tool for delivering timber than traditional timber contracts. That's because stewardship contracts are not bedeviled by a need to be above cost, he said. The Obama administration has largely eliminated below-cost timber sales.

"The agency will integrate traditional timber activities predominately within the context of larger restoration objectives, focusing on priority watersheds in most need of stewardship and restoration work, pursuing forest products when they support watershed, wildlife, and restoration goals," Tidwell said in prepared testimony.

But he acknowledged there were no guarantees, yet. "While we have not worked out the specifics for allocating these funds," said Tidwell, "I am convinced that this multi-pronged approach will improve our ability to achieve restoration and watershed improvement at various scales - from landscape level work under the nationally selected projects () and the Priority Watersheds initiatives to work within individual () watersheds in need of critical restoration - while allowing the Forest Service to place greater focus on improving watersheds without forgoing critical ongoing restoration efforts."

The Obama administration laid out a major change to the Forest Service fiscal year 2011 budget February 1 that would delete timber sales as a discrete line item.

Instead the budget would combine timber sales with spending for vegetation and watershed management and wildlife and fisheries management to forge a new forest restoration line item. When all is said and done the new Integrated Resource Restoration line item would receive a raise of \$26 million in fiscal 2011 over allocations to the three previous line items in fiscal 2010.

The Obama budget projects a timber sale in fiscal 2011 of 2.4 billion board feet (bbf), or 146 million board feet less than a fiscal 2010 target and about the same as an actual sale of 2.415 bbf in fiscal 2009.

Tidwell has been confident the service would meet the 2.4 bbf sale level. "We estimate from this budget we will produce about 2.4 (bbf), a very slight decrease from our 2010 budget," he told the Senate Energy Committee. "I think that is a very conservative number. I think by the end of the year with this approach we will be able to build more support for the work that needs to be done."

## Utah enacts states rights challenge to federal lands

Utah Gov. Gary Herbert (R) signed into law March 27 legislation that gives the state eminent domain authority over federal lands.

According to an *Associated Press* article, the immediate target of the Utah legislators, who introduced the bill (HB 143), is the Grand Staircase-Escalante National Monument managed by BLM and 77 controversial oil and gas leases that Secretary of Interior Ken Salazar cancelled last year.

The governor also signed a separate bill (HB 324) set aside \$3 million from Utah's school trust fund for a legal defense that supporters believe could carry their case all the way to a sympathetic U.S. Supreme Court.

Although some critics such as the Southern Utah Wilderness Alliance hold that the Supremacy Clause of the U.S. Constitution clearly authorizes the federal government to hold and manage federal lands, the bill sponsors are willing to take their chances in court. As principal sponsor Rep. Chris Herrod (R-Utah) told *FOX News* on March 2, "Basically what will happen is we'll take it to court. We'll start the eminent domain process and most likely get moved to a federal court and the court will determine who is the sovereign."

Herrod told *FOX News* one of the state's targets is the Grand Staircase monument, which former President Clinton designated in 2006. According to Herrod the 1.9 million-acre monument in south Utah contains \$3 trillion worth of coal and, if that were developed, Utah schools would receive \$50 billion.

The Utah legislation is the most prominent example of growing restlessness among western Republican legislators with the federal government. The Republicans see great potential in developing commodity resources on the public lands, but the Obama administration often says it will protect those lands.

It didn't help the Obama administration that House Republicans in February obtained an internal Interior Department memo that analyzed 14 large areas managed by BLM for possible national monument designation. The Antiquities Act of 1906 gives the President the authority to designate monuments on his own without Congressional action.

The western Republicans have a Democratic ally in Wyoming Gov. Dave Freudenthal. He told the Wyoming legislature in his State of the State speech in February he is serious about seeking a U.S. Constitutional amendment that would ensure that all powers reserved to the states really are reserved to the states.

An aide to Freudenthal said the governor was upset about federal policies dealing with sage-grouse habitat protection and oil and gas development. The Freudenthal initiative takes on weight because he is of the same political party as Obama; however, the governor has said he is not running for reelection this fall.

Freudenthal's proposal is more modest than the Utah proposal in that he is simply recommending a rephrasing of the Tenth Amendment to the Constitution to emphasize to the courts that states should hold all powers not delegated to the federal government.

The Utah law is at once broader and more precise. It says, "This bill authorizes the state to exercise eminent domain authority on property possessed by the federal government unless the property was acquired by the federal government with the consent of the Legislature and in accordance with the United States Constitution Article I, Section 8, Clause 17." Article I Section 8 Clause 17 of the Constitution authorizes Congress to make laws that are "necessary and proper."

The new law and background information are available at: <http://le.utah.gov/~2010/htmdoc/hbillhtm/hb0143.htm>.

## House appropriators echo Senate DoI budget gripes

The ranking Republican on a key House appropriations subcommittee is expressing many of the same concerns about the Obama administration's fiscal year 2011 Interior Department budget request as the Democratic chairman of a counterpart Senate subcommittee.

That is, too much money for land acquisition and not enough money to cover fixed costs, such as pay raises, health benefits, rent, etc.

The Republican, Rep. Mike Simpson (Idaho), said of an Obama administration request for \$619 million for the Land and Water Conservation Fund (LWCF), "I'm concerned about the trade-off when it comes to increases in (LWCF) at the expense of other critical base programs."

He added, "The rapid increase in land acquisition coupled with a decrease in the construction and maintenance budget tells me the administration put a higher priority on acquiring land rather than responsibly managing what the government already owns."

Simpson made his observations at a hearing of the House subcommittee on Interior appropriations March 18 on the Obama administration's fiscal 2011 budget request for the Interior Department, with Secretary of Interior Ken Salazar in the hot seat.

Simpson's comments matter even more this year because political gridlock in the Senate may prevent the Senate Appropriations Committee from even preparing a bill. Under this scenario the House would pass a bill and then after the November elections Congress would pass a huge omnibus bill, either based on the House bill or on fiscal 2010 spending levels.

In general the rough schedule calls for the House and Senate to produce fiscal 2011 Congressional budgets in late April. That would set the stage for appropriations subcommittees to begin writing bills in mid- to late-May.

In that federal land managers at best break even under the Obama administration's fiscal 2011 request, a continuation of fiscal 2010 levels would not be all that bad for them. Of course, it could also undercut the President's attempt to reduce federal spending.

The Democratic chairman of the counterpart Senate subcommittee on Interior appropriations, Sen. Dianne Feinstein (D-Calif.), made similar observations to Simpson's at a March 9 hearing with Salazar. After noting a 31 percent proposed increase in spending for LWCF, among other proposed increases, Feinstein said, "Each of these is an important priority, we understand that. My concern is in order to pay for these the administration is proposing cuts elsewhere that may well be untenable."

Among the reductions she worried about were \$164 million in construction costs at the BLM, the Park Service, Fish and Wildlife Service, and the Bureau of Indian Affairs.

Again, Simpson sounded like he was channeling Feinstein at the March 18 hearing. "The department budget includes fixed costs that have to be absorbed somewhere," he said. "There is going to be something that doesn't get done. There will be fewer people to do activities. How can you address (maintenance and other) backlogs if we have reduced personnel?"

Salazar replied obliquely, "It's a tough one. It's not the budget I would have proposed if we were not dealing with the greater financial situation. We have cut \$63 million from travel and information technology."

The March 18 hearing provided new subcommittee chairman James Moran (D-Va.) with his first run at Salazar. He promised in a way to balance protection of the nation's natural resources with development by quoting extensively former President Theodore Roosevelt. Moran said:

"Conservation means development as much as it does protection. I recognize the duty of this generation to develop natural resources of our land. But I do not

recognize the right to waste them or to rob by wasteful use the generations that come after them."

Moran, Simpson and Feinstein, along with ranking Senate subcommittee Republican Lamar Alexander (Tenn.), will write the details of a fiscal 2011 appropriations bill. The concerns of Feinstein and Simpson about LWCF don't augur well for the program. But their concerns about agencies being forced to eat fixed costs suggest that Congress will put up at least some of that \$106 million.

### Delay in renewal of grazing permits irritates Simpson

A key House appropriator is pressuring the Interior Department and the Forest Service to pursue more aggressively a growing backlog in the renewal of grazing permits.

While permittees are somewhat protected by a law that keeps permits in effect until the agencies complete environmental reviews, Rep. Mike Simpson (R-Idaho) objects to the permits being in limbo.

So Simpson complained to Secretary of Interior Ken Salazar at a March 18 fiscal year 2011 budget hearing, "Last year we put in an extra \$1 million for BLM, but this year (the Office of Management and Budget) left it out," he said at a March 18 hearing of the House subcommittee on Interior appropriations on the fiscal 2011 Interior Department budget.

To which Salazar said that BLM Director "Bob Abbey says we are going to be smarter about it and BLM will prioritize the permit renewals. We'll move forward where we're not tied up in litigation."

That didn't cut it with Simpson, who is the ranking Republican on the subcommittee. "It reminds me of what we always say up here that we're going to find money from waste, fraud and abuse," he said. "Nobody knows what waste, fraud and abuse is, but we always say we are going to get it from waste, fraud and abuse."

BLM and the Forest Service are in a fix. Environmental litigation has forced the agencies to do intensive, time-consuming environmental reviews before renewing grazing permits, sapping their range management budgets.

Congress has since fiscal 2004 ordered the agencies to keep expiring permits in place until environmental reviews are completed, even if that takes years beyond the permits' expiration date. And appropriators have kept the pressure on the agencies to process as many permits as possible.

In fact the Forest Service proposes to spend more money in fiscal 2011 in preparing environmental documentation on grazing permits (\$25,823,000) than it does on managing the public range (\$24,685,000.) And the Forest Service says that will force it to manage less acreage up to standard. The service projects a decline of six percent in the amount of grazing land managed up to 100 percent of standard. In fiscal 2010 it is projecting management of 35 percent of its lands at 100 percent of standard. In fiscal 2011 it is projecting 29 percent.

Says the Forest Service budget request, "As additional grazing allotment NEPA analyses are completed, permit administration complexity and cumulative workload increases. This, combined with the need to shift additional available resources to the grazing NEPA activity, results in the projected decline in the number of allotment acres administered to 100 percent of standard in FY 2011."

The Forest Service says it intends to review and sign 466 grazing allotments in fiscal 2011, compared to 670 in fiscal 2010.

The administration requested a fiscal 2011 budget for BLM's grazing program of \$72.8 million, or \$1.4 million less than in fiscal 2010. Of the decrease \$700,000 would be removed from range health assessments.

A BLM spokesman said that in fiscal 2010 BLM began with a backlog of 4,300 grazing permits to process and that it intends to process 2,200 during this year. At the end of the fiscal year the spokesman said the backlog would grow to 4,700 permits.

### MMS says RIK program will be over by end of September

The Obama administration is moving swiftly to end a royalty-in-kind (RIK) program that the Bush administration touted as a great way to make extra money from oil and gas lease royalties.

Minerals Management Service (MMS) Director S. Elizabeth Birnbaum told the House subcommittee on Energy and Minerals March 25 that the RIK program would be wrapped up by the end of the fiscal year on September 30.

"We have stopped taking royalty-in-kind payments except to support existing contracts," she said. "Those contracts are expiring through the course of the fiscal year. All gas contracts expire by the end of this month (March.) The rest of the oil contracts expire by the end of this fiscal year on September 30. At that point we will have eliminated the royalty-in-kind program."

Under the RIK program MMS takes oil and gas itself for royalty payment rather than money. MMS then contracts for the sale of the oil and gas on the open market.

The Bush administration said in the fall of 2008 that the RIK program in fiscal year 2007 alone had taken in \$63 million more than conventional cash royalties.

But that same fall former Interior Department Inspector General (IG) Earl Devaney issued three devastating reports that charged the MMS RIK office staff with misbehavior. Among other things he said more than one-third of the staff had taken gifts and gratuities from the oil and gas industry.

On Sept. 16, 2009, Secretary of Interior Ken Salazar announced that MMS would phase in the termination of the program.

The transition to all royalty in value may not be cheap, Birnbaum told the House subcommittee. "As RIK operations are phased-out, ongoing direct and indirect costs associated with expanding in-value workloads will need to be funded from appropriated funds," she said. "As a result, in fiscal year 2011 MMS will require additional appropriated funds of \$10 million to transition 34 positions from in-kind to in-value activities, as well as for associated indirect costs throughout MMS."

Shortly before the RIK office staff scandal erupted, the IG Devaney in September 2007 said in a report that MMS should conduct more formal audits and fewer statistical analyses called compliance reviews. For instance in 2006 MMS conducted 144 audits, compared to 540 per year from 1998 to 2001.

Birnbaum said that MMS in 2009 increased the number of audits slightly. "During fiscal year 2009, MMS closed 218 audits and 987 compliance reviews covering about 50 percent of all royalty revenues and ensuring compliance for about \$5.3 billion in royalty revenues. The MMS covered 96.4 percent of high-significant risk companies and 32.9 percent of high-significant risk properties during fiscal year 2009."

At the March 25 House subcommittee hearing, Rep. Doc Hastings (R-Wash.) raked the Obama administration over the coals for not pursuing conventional energy development aggressively enough, charges that he has made numerous times.

"The Obama administration has done everything within its power to halt new energy production," said Hastings, ranking Republican on the House Natural Resources Committee. "It has canceled existing oil and gas leases, withdrawn oil shale research and development leases, proposed billions of dollars of fees and taxes on American production and delayed new offshore drilling."

As part of the fiscal 2011 budget request Salazar has broadly hinted that he will seek to administratively increase the onshore oil and gas royalty rate from 12.5 percent to 20 percent or more.

The budget also asks Congress to make permanent a \$6,500 fee to cover the cost of processing each application for permit to drill for oil and gas, to assess a \$4 per acre rental fee on new nonproducing oil and gas leases and to impose an inspection fee on onshore oil and gas leases that would produce \$10 million per year, or one-quarter of BLM's \$40 million annual inspection program. The budget says the administration would seek authority for the fees from a fiscal 2011 appropriations bill.

## Resolution Copper mine exchange gets boost in the House

Rep. Ann Kirkpatrick (D-Ariz.) indicated March 22 that she will provide Democratic support in the House for legislation that would open the way for a major copper mine in her district.

The Senate Energy Committee Dec. 16, 2009, already approved a bill (S 409) that would authorize a land exchange that would send 2,406 acres of federal land that is blanketed with existing mining claims to Resolution Copper. But the Senate bill is spearheaded by Republican senators.

Now Kirkpatrick has introduced a House version of the Senate bill (HR 4880.) Arizona Sens. Jon Kyl and John McCain, both Republicans, are backing the Senate bill. Another key Democrat, Senate Energy Committee Chairman Jeff Bingaman (D-N.M.), has been involved with the negotiations.

A long impasse over the legislation was broken in December when the company agreed to demands of the Obama administration and Bingaman that an EIS be written before the exchange is executed, and not after.

So the measure may now be a candidate for an omnibus lands bill that Bingaman is expected to introduce later this year. Inclusion in the omnibus could provide the legislation with a better chance of enactment than as a stand-alone bill.

Said Kirkpatrick on introducing HR 4880, "I am determined to continue fighting for the legislation so that the Copper Region can start realizing the potential of this plan." She had previously introduced a different version of the bill (HR 2509) that wouldn't have required an EIS before the exchange.

Kirkpatrick may face resistance from her fellow Arizona Democrat, Rep. Raúl Grijalva (D-Ariz.) He faulted the Senate committee for not investigating Resolution's parent company Rio Tinto more closely before approving the bill. Grijalva is in position to block the legislation as chairman of the House subcommittee on National Parks, Forests and Public Lands. Grijalva questions the commitment of Rio Tinto to environmental protection, based on the company's record in other countries.

The Resolution Copper land exchange would help the mine generate as much as \$8 billion for the U.S. Treasury in the form of taxes, said Kyl, and would generate \$50 billion of economic activity.

Six Indian tribes, including four Apache tribes, have opposed the exchange in the past because the mine would lie in their ancestral lands.

In a June 17, 2009, Senate Energy Committee hearing the Forest Service recommended that environmental documentation be prepared before the exchange was executed, a recommendation that the committee adopted Dec. 16, 2009. Kirkpatrick has now adopted that recommendation.

### FWS makes three sage-grouse findings for the record

The Obama administration made it official March 23 with a *Federal Register* announcement: It will not list the sage-grouse as a threatened or endangered species, even though it is warranted.

The administration announced March 5 that it was precluded from following through with a listing of the sage-grouse because of the press of other endangered species business.

The Fish and Wildlife Service (FWS) formalized the announcement March 23 with slightly different findings on three kinds of sage-grouse. FWS said that listing was warranted but precluded for the greater sage-grouse and for the Mono Basin (California) population of the sage-grouse.

But FWS said the listing of the western subspecies of the sage-grouse is not warranted because the western subspecies is not a distinct group of organisms. However, the western subspecies is covered by the greater sage-grouse finding.

That the Obama administration did not immediately move to list the sage-grouse and designate critical habitat produced a temporary sigh of relief among commodity groups in the West. But there is still apprehension among livestock permittees and their allies in Congress.

The Public Lands Council said that the decision that designation of the sage-grouse is warranted is unnecessary, even if formal action is precluded right now.

Even though the administration is holding off on a listing BLM intends to tighten restrictions on oil and gas development in core habitat. In effect BLM is telling its state offices to adopt a policy that "is consistent with" a Wyoming standard that limits the number of oil and gas wells within core sagebrush habitat. The Wyoming policy limits wells to one per 640 acres, over a broad landscape.

The Western Watersheds Project, whose litigation touched off the evaluation of the sage-grouse for listing, disagreed with the administration's decision. It asked the U.S. District Court in Idaho March 8 to order FWS to issue a rule designating the sage-grouse as threatened or endangered "within a set deadline."

Salazar laid out his goals for protecting the sage-grouse at a March 5 press conference. In response to a question on the impact to the energy industry, he said, "This gives us a window of several years to make sure we insure we meet twin goals. The first is to make sure the sage-grouse doesn't have to be put on the endangered species list, that it does not go extinct."

More than 20 conservation groups petitioned FWS in 2003 for a listing of the sage-grouse under the ESA. On Jan. 6, 2005, then FWS Director Steven Williams issued a decision that a listing was not required because the efforts of federal and

state agencies would protect the sage-grouse. On Dec. 4, 2007, Idaho Chief Judge B. Lynn Winmill ordered FWS to reconsider its decision. Finally, on March 5 Salazar said FWS will declare that listing of the bird is warranted but precluded.

A century ago more than 1 million sage-grouse populated the West. The birds are primarily dependent on sage-brush habitat. Since then the population has shrunk to 100,000 to 500,000 birds.

### Lawsuit settlement limits BLM use of O&G CXs nationally

The Bush administration March 31 agreed to a sweeping new policy in the use of categorical exclusions (CXs) that exempt oil and gas activities from environmental review.

In settling a lawsuit brought by environmentalists against the approval of 30 applications for permits to drill (APDs) in Utah, the administration said it would:

- \* adopt a national policy of not using CXs when "extraordinary circumstances" occur,
- \* not use CXs in the West Tavaputs natural gas field in Utah until a new environmental assessment or EIS on the impact of gas development is completed, and
- \* after completing the West Tavaputs EIS, conduct a study of the impact of dust and chemicals on cultural resources in the area.

The use of CXs by BLM has long been a flashpoint in the war over oil and gas development in the Rockies. The Bush administration, Congressional Republicans, and the oil and gas industry maintain that the use of CXs as authorized by Section 390 of the 2005 Energy Policy Act (EPA) expedites energy development while protecting the environment.

They maintain that the act imposes no requirement that BLM not use CXs under extraordinary circumstances. Said ranking House Natural Resources Committee Republican Doc Hastings (R-Wash.), "This Administration is not above the laws passed by Congress and nowhere in (the 2005 law) does it mention an 'extraordinary circumstance' caveat necessary in order for a 'categorical exclusions' to be used. This settlement flies directly in the face of the letter and spirit of one of the most successful provisions of the 2005 energy bill."

But environmentalists including the Southern Utah Wilderness Alliance maintained in an Aug. 7, 2008, lawsuit against the 30 Utah APDs that the Interior Department's National Environmental Policy Act guidance requires BLM to forego CXs in extraordinary circumstances.

"This settlement tracks closely with Secretary Salazar's announced oil and gas reforms announced in January and is an important step to bring balance and common sense back to public lands management," said Stephen Bloch, conservation director and attorney for the Southern Utah Wilderness Alliance (SUWA.)

Indeed, in announcing his intention to revise BLM's onshore energy policy January 6 Secretary of Interior Ken Salazar said "BLM will not use categorical exclusions in cases involving extraordinary circumstances. Extraordinary circumstances are those where there are impacts on protected species and cultural resources or human health and safety."

At issue in the instant lawsuit are 30 APDs that BLM approved for the Bill Barrett Corp. in Utah's Nine Mile Canyon. In that the wells have already been drilled the agreement does not affect ongoing development. Bill Barrett has not filed any additional APDs in the area for the last two years, reportedly because of the low price of natural gas.

Environmentalists, historic preservationists and Indian tribes have objected to the development of oil and gas in Nine Mile Canyon because of possible adverse impacts on cultural resources in the area.

While the agreement - signed by SUWA's Bloch and Assistant United States Attorney Jared C. Bennett - is directed immediately at the Nine Mile Canyon situation, it also establishes a broad new policy for BLM.

The relevant paragraph says, "That they (the defendant BLM) will issue a new Instruction Memorandum modifying (its) NEPA Handbook and stating that future EAct CXs will not be invoked absent a determination that there are no 'extraordinary circumstances.' 40 C.F.R. § 1508.4."

One of the architects of the EAct, Senate Energy Committee Chairman Jeff Bingaman (D-N.M.), has for the last two years recommended that BLM consider extraordinary circumstances before using CXs.

His counterpart, House Resources Committee Chairman Nick Joe Rahall (D-W.Va.), has introduced a comprehensive public lands energy bill (HR 3534) that would eliminate Section 390 from the law altogether. The bill says simply, "Section 390 of the Energy Policy Act of 2005 (Public Law 109-58; 42 U.S.C. 15942) is repealed."

The five categories of CXs in the Energy Policy Act are:

"(1) Individual surface disturbances of less than 5 acres so long as the total surface disturbance on the lease is not greater than 150 acres and site-specific analysis in a document prepared pursuant to NEPA has been previously completed.

"(2) Drilling an oil or gas well at a location or well pad site at which drilling has occurred previously within 5 years prior to the date of spudding the well.

"(3) Drilling an oil or gas well within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed such drilling as a reasonably foreseeable activity, so long as such plan or document was approved within 5 years prior to the date of spudding the well.

"(4) Placement of a pipeline in an approved right-of-way corridor, so long as the corridor was approved within 5 years prior to the date of placement of the pipeline.

"(5) Maintenance of a minor activity, other than any construction or major renovation or a building or facility.

## IBLA decisions

*(We now post current Interior Board of Land Appeals decisions at our website, <http://www.plnfpr.com/ibla.htm>. IBLA may be contacted at: Interior Board of Land Appeals, 801 North Quincy St., MS 300-QC, Arlington, VA 22203. Phone (703) 235-3750.)*

**Subject:** Oil and gas leases.

**DoI decision:** BLM will reject bids for leases in the Wyoming Range as required by a Congressional law.

**Appellant claimant:** BLM erred in relying on a Congressional withdrawal because these leases were exempted.

**IBLA decision:** Set aside and remanded because Congress did exempt the subject leases.

**Case identification:** Stanley Energy, Inc., 179 IBLA 8. Decided: March 23 2010. Ten pages. Appeal from a decision of the Wyoming State Office of BLM, which rejected competitive oil and gas bids. WYW-0606-114 through WYW-0606-118, WYW-0606-122, and WYW-0606-123.

**IBLA argument:** IBLA Administrative Judge James F. Roberts set aside a BLM decision rejecting competitive bids for seven oil and gas leases in the Wyoming Range of the Bridger-Teton National Forest. Roberts disagreed with the reasoning of the Wyoming State Director of BLM that a Congressional withdrawal of 1.2 million acres of the range from future oil and gas leasing required rejection of the bids. Roberts said the law specifically exempted "any sold lease parcel that has not been issued." Roberts also disagreed with BLM that two stays of leases in the area granted by IBLA in July and September 2006 found that NEPA analysis was inadequate. Roberts noted that BLM and the Forest Service had since announced their intent to write a supplementary EIS. At that point Roberts's decision is not clear: He does not say the

proposed EIS suffices. He simply says that BLM did not provide a "rational and defensible basis for taking that action."

**Subject:** Hard rock mining fees.

**DoI decision:** BLM will forfeit claims because claimant held more than 10 claims required for exemption from fees.

**Appellant claimant:** BLM erred because excess claims were held by other members of her family.

**IBLA decision:** Affirmed BLM, Utah law requires a written disclaimer of interest in the extra claims, not just a notice of transfer.

**Case identification:** *Connie Bradshaw, 179 IBLA 1*. Decided: March 19 2010. Seven pages. Appeal from a decision of the Utah State Office of BLM, which declared unpatented mining claims forfeited by operation of law for failure to pay the \$100 per claim maintenance fee on or before Sept. 1, 2000, for the 2001 assessment year. UMB 260464, et al.

**IBLA argument:** IBLA Chief Administrative Judge H. Barry Holt affirmed a BLM decision declaring 10 mining claims forfeited because the claimant did not qualify for a small miner exemption from a requirement to pay a \$100 per claim maintenance fee. A competing company that is attempting to obtain the claims at issue here informed BLM that the claimant (and appellant) had inherited 18 additional claims, to go along with the 10 she already held. The maintenance fee law exempts a miner from paying the annual \$100 maintenance fee if they hold 10 or fewer claims. The appellant argued that she signed a notice of transfer of interest on the 18 claims that transferred them to her brothers and sisters. However, Holt said that Utah law requires a written disclaimer of interest in the claims in order to divest them, not just a notice of transfer.

## Notes

**Small miner fee bill introduced.** Sen. Lisa Murkowski (R-Alaska) and Rep. Don Young (R-Alaska) introduced legislation (S 3175, HR 4991) March 25 that would provide small miners with 60 days to cure defects in annual maintenance fee waiver filings. Existing law provides for a 60-day waiver from maintenance fees for holders of 10 or fewer claims, but only if applications are received on time. Murkowski and Young would also provide a 60-day period to cure defects if BLM did not receive and process applications in time. Murkowski said that small miners believe that BLM officials lose or misplace applications for fee waivers and the applicants have no recourse. The bill may be a candidate for an omnibus lands bill the Senate Energy Committee is expected to develop later this year. Murkowski is ranking committee Republican and will be in position to seek inclusion of her bill in an omnibus.

**Livestock industry asks 'monuments' change.** The livestock industry last week adopted a new policy on national monuments that, among other things, would have Congress reverse or repeal recent monument designations. The policy would also require Congressional review of all designations and Congressional action to exempt western states from the underlying law that authorizes President's to designate huge national monuments without Congressional approval. The underlying law is the Antiquities Act of 1906. Representatives of numerous western states have introduced legislation this year to exempt their states from the Antiquities law, including Arizona, California, Montana, Nevada and Utah. Wyoming is already exempt. The interest in the Antiquities Act was spurred by the release February 18 of an internal Interior Department document that said the administration is beginning to review 14 BLM managed areas as possible new national monuments.

**Enviros ask big jaguar habitat.** Environmentalists responded last month to a Fish and Wildlife Service (FWS) invitation by recommending more than 53 million acres of critical habitat for the jaguar. Of that, 27 million acres are in Arizona and 26 million acres are in New Mexico. Although there are no known jaguars in the United States at this time jaguars have occasionally been spotted in Arizona and New Mexico over the last decade and a half. If critical habitat were designated on public lands in those areas, federal agencies would have to review any consumptive projects for possible impacts on the jaguar. FWS announced January 13 that it would designate critical habitat for the jaguar. The announcement reversed two previous agency determinations that designation of critical habitat would not be prudent. FWS changed its mind in response to a federal court order of March 30, 2009, in a case brought by the Center for Biological Diversity. In the first not-prudent determination on July 22, 1997, the Clinton administration said that designation of critical habitat would actually endanger the jaguar by providing maps of the animal's territory to poachers. In the second not-prudent determination on July 12,

2006 the Bush administration said no areas of the United States met the definition of critical habitat because no jaguars had been observed. But the Obama administration's FWS. It said that jaguars may again appear in the United States. FWS said it would propose a rule in fiscal year 2010, which ends September 30, and designate final habitat in January 2011.

**EPA moves on climate change.** EPA formalized its schedule to rein in climate change March 29, saying it won't require major plants that produce pollutants over public lands to limit green house gases before January. The administration is acting administratively in the likely event Congress does not act on climate legislation this year. EPA Administrator Lisa P. Jackson outlined her schedule in a memo. She first announced it February 22 but now has refined the schedule. Republicans, and some Democrats, say the administration should not issue Clean Air Act regulations until Congress passes climate change legislation (HR 2454 as passed by the House and S 1733 as passed by the Senate Environment and Public Works Committee.) However, those same Republicans and Democrats have pretty much stymied any legislation in the Senate. So if Congress doesn't pass climate change legislation and the Obama administration issues no regulations, existing policies would continue. Meanwhile, a bipartisan team of three senators says it is attempting to produce a compromise bill that would scrap the nationwide cap-and-trade approach. In its place they would address in different ways three main sources of carbon pollution - electric utilities, transportation and industry. The bill, to be introduced this month, would place emission caps on utilities and carbon taxes on other pollutants. Sens. John Kerry (D-Mass.), Lindsey Graham (R-S.C.) and Joseph Lieberman (I-Conn.) are working on the bill.

**DoI to celebrate NLCS birthday.** Interior Department officials from Secretary of Interior Ken Salazar on down will celebrate over the next year the 10<sup>th</sup> Anniversary of BLM's National Landscape Conservation System (NLCS.) The department said more than 90 events around the country will be held to honor the system. The NLCS was first designated by former Secretary of Interior Bruce Babbitt during the Clinton administration. The 880-unit system has now grown to 27 million acres, including wilderness, wilderness study areas, national monuments, conservation areas, rivers, trails, etc. Congress gave its blessing to the NLCS in March.

**Stewart Udall dies at 90.** One need only list the legislation enacted on his watch to understand the enormous influence that former Secretary of Interior Stewart Udall had on the nation's natural resources. Udall died at 90 March 20 after a fall at his home in Santa Fe, N.M. The legislation includes the Wilderness Act, the Land and Water Conservation Act, the National Historic Preservation Act, the Wild and Scenic Rivers Act and the Endangered Species Act. Udall served as secretary during the Kennedy and Johnson administrations in the 1960s. After leaving the department he continued to champion protection of the nation's wild lands. Stewart Udall was the older brother of former Rep. Morris Udall (D-Ariz.), who made a run at the Presidency. Stewart Udall was also the father of Sen. Tom Udall (D-Ariz.) Morris Udall's son, Mark Udall, is a Democratic senator from Colorado.

**Bison Range probe launched.** The Interior Department Inspector General's (IG's) office said March 18 that it will investigate management of the National Bison Range in Montana. Acting IG Mary Kendall wrote the environmental group Public Employees for Environmental Responsibility (PEER) it will review management of the range by the Confederated Salish and Kootenai Tribes (CSKT.) The tribes manage the refuge under an agreement with the Interior Department. But PEER complained to the IG earlier this year that the tribe may be violating the agreement by tolerating poaching, repeatedly allowing bison to escape from pasture, and not completing a plan of work. PEER fought a previous agreement between Interior and the tribes, successfully persuading Interior to cancel it. In January 2009 the Bush administration struck a deal to allow CSKT to resume control. PEER is also concerned about the precedent set by an outside group managing federal land.

## Boxscore of Legislation

<u>LEGISLATION</u>	<u>STATUS</u>	<u>COMMENT</u>
<b>Appropriations 2010</b> HR 2996 (Dicks)	President Obama signed into law Oct. 30, 2009, as PL 111-88.	Increases natural resources Spending, for the most part.
<b>Appropriations 2011</b> No bill yet	President submitted budget request Feb. 1.	Could lead to millions in new energy fees. Land managers lose ground.
<b>Appropriations Stimulus</b> HR 1 (Obey)	President Obama signed Feb. 17, 2009, as PL 111-5.	Allocates some \$4 billion to federal land management agencies to help revive the economy.
<b>Omnibus Bill</b> S 22 (Bingaman)	President Obama signed March 30, 2009, as PL 111-11.	Includes 160+ individual bills, including NLCS, new wilderness areas.
<b>National Landscape Conservation System</b> HR 404 (Grijalva) S 22 (previous item)	Included in omnibus (above.)	Gives NLCS official designation by Congress.
<b>Energy bill</b> S 1462 (Bingaman) HR 2454 (Waxman) S 1333 (Barrasso) HR 2846 (Boehner) HR 3534 (Rahall)	Senate committee approved June 17, 2009. House approved HR 2454 June 26, 2009. Barrasso put in June 24, 2009. Boehner put in June 10, 2009. House hearings on Rahall bill September 2009.	Senate bill includes modest onshore energy production provisions. House bill addresses climate, may be amended. Barrasso and Boehner would increase energy production on public lands. Rahall would rewrite most public lands policy.
<b>Hard rock mining</b> HR 699 (Rahall) S 140 (Feinstein) S 796 (Bingaman) HR 3201 (Lamborn)	House hearing Feb. 26, 2009. Senate hearing July 14, 2009. Lamborn put in July 14, 2009.	All would establish royalties on existing and new mining. Rahall, Bingaman would add enviro rules. Lamborn bill favored by industry.
<b>Antiquities Act exemption</b> S 3016 (Bennett) S 3041 (Ensign) HR 4675 (Heller) HR 4703 (Herger) HR 4651 (Bishop)	Bennett introduced Feb. 22. Ensign introduced Feb. 25. Heller introduced Feb. 24. Herger introduced Feb. 25. Bishop introduced Feb. 23.	Would not allow designation of monuments administratively under the Antiquities Act in Utah, Nevada, and California.
<b>Fire suppression</b> HR 1404 (Rahall) S 561 (Bingaman)	Included in fiscal year 2010 Interior spending bill.	Establishes an emergency fire-fighting fund to limit borrowing from line programs.
<b>Forest Service roadless areas</b> HR 3692 (Inslee) S 1738 (Cantwell)	Bills introduced Oct. 1, 2009.	Would reinstate Clinton roadless rule of 2001 barring most new roads and timber.
<b>ANWR Development</b> HR 49 (Young) S 503 (Murkowski)	Young introduced Jan. 6, 2009. Murkowski put in Feb. 27, 2009.	Both would authorize oil and gas development in the 1.4 million-acre coastal plain of ANWR, but Murkowski would forbid surface occupancy.
<b>ANWR Wilderness</b> HR 39 (Markey) S 231 (Lieberman)	Markey introduced Jan. 6, 2009. Lieberman put in Jan. 14, 2009.	Both would designate 1.4 million-acre coastal plain as wilderness.
<b>Northern Rockies Wilderness</b> HR 980 (Maloney)	House panel hearing May 5, 2009.	Would protect 24 million acres in Idaho, Montana, Wyoming and Oregon.
<b>Red Rock (Utah) Wilderness</b> HR 1925 (Hinchey) S 799 (Durbin)	Both introduced April 2, 2009.	Would protect more than 9 million acres in southern Utah.
<b>Central Idaho Wilderness</b> HR 192 (Simpson)	Simpson introduced Jan. 6, 2009.	Would designate more than 300,000 acres of wilderness, release roadless areas and transfer land.
<b>Grand Canyon Withdrawal</b>		

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Fri Apr 02 2010 15:45:41 EDT  
**To:** jamie sturgess <jsturgess@augustaresource.com>;gcheniae <gcheniae@cox.net>;brian lindenlaub  
blindenlaub@westlandresources.com;karnold@rosemontcopper.com;mary@strongpointpr.com;tfurgason@swca.com  
**CC:** jderby@fs.fed.us;rlaford@fs.fed.us;beverson@fs.fed.us;melinda d roth/r3/usdafs@fsnotes;robert  
cordts/r3/usdafs@fsnotes;rochelle desser/wo/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes  
**Subject:** April 15th Status Meeting Topics  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The next Status Meeting is scheduled for Thurs., April 15, 2010, from 10:30 to 1:30 in room 6V6 of the Forest Service. (This is also the 3rd Thurs. of the month and the Cooperating Agencies meeting)

Planned topics include:

Status of and need for Tech reports, field surveys, info requests, ongoing reviews  
Discussion of alternatives  
Status of DEIS  
Concurrent processes, ie. Army Corps, TEP, permitting  
Expected timeframes, media releases  
Other???

We are hoping Bob Cordts, Regional Director for Lands and Minerals, can attend this meeting.

Please let me know if you have other topics, special needs (call in phone#), etc.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** brian lindenlaub <blindenlaub@westlandresources.com>  
**Sent:** Wed Sep 24 2008 21:27:51 EDT  
**To:** beverley a everson <beverson@fs.fed.us>;deborah k sebesta <dsebesta@fs.fed.us>;mike martinez <mike\_martinez@fws.gov>;tom furgason <tfurgason@swca.com>  
**CC:** 'kathy arnold' <karnold@rosemontcopper.com>;'jamie sturgess' <jsturgess@augustaresource.com>;jim tress <jtress@westlandresources.com>  
**Subject:** Rosemont Talussnail meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

All,

We are scheduled to meet at WestLand's offices on Monday, September 29th to discuss our efforts and findings to date related to the Rosemont talussnail. We will be prepared to discuss other biological resource and sensitive species surveys at that time as well.

We look forward to seeing you there.

Regards,

Brian Lindenlaub | Principal

WestLand Resources, Inc.

4001 E Paradise Falls Drive| Tucson, AZ85712

Office: (520) 206-9585 | Fax: (520) 206-9518

**From:** melinda.d.roth@usdafs.nsf;mroth@fs.fed.us:smtp  
**Sent:** Fri Apr 09 2010 14:01:25 EDT  
**To:** dkriegel@fs.fed.us;dsebesta@fs.fed.us;slDavis@fs.fed.us;shafiqullah@fs.fed.us;wkeyes@fs.fed.us;hschewel@fs.fed.us;temmett@fs.fed.us;gmckay@fs.fed.us;rfevre@fs.fed.us;aelek@fs.fed.us;abelauskas@fs.fed.us;ecuriel@fs.fed.us;mfarrell@fs.fed.us;wgillespie@fs.fed.us;cclleblanc@fs.fed.us;seanlockwood@fs.fed.us;lJones02@fs.fed.us;cablair@fs.fed.us;kendall.brown@usdafs@fsnotes  
**CC:** beverley.a.everson@usdafs@fsnotes  
**Subject:** Fw: Draft Agenda April 2010 Rosemont Copper Project Cooperating Agency Coordination Meeting  
**Attachments:** 2010 04 15 DRAFT Agenda.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

FYI

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 04/09/2010 10:59 AM -----

Teresa Ann Ciapusci/R3/USDAFS  
04/09/2010 10:41 AM

To  
brocious@base.sao.arizona.edu, cbeck@azdot.gov, Cindy\_Alvarez@blm.gov, daniel\_moore@blm.gov, dt1@azdeq.gov, David\_Jacobs@azag.gov, falco@cfa.harvard.edu, gfleming@asmi.az.gov, jmarques@ci.sahuarita.az.us, jmtannler@azwater.gov, julia.fonseca@pima.gov, jwindex@azgfd.gov, karen.howe@tonation-nsn.gov, lagrignano@azwater.gov, lee.alison@azgs.az.gov, Leslie.Ethen@tucsonaz.gov, LSwartzbaugh@asmi.az.gov, madan.singh@mines.az.gov, mark.harting@aztucs.ang.af.mil, Marjorie.E.Blaine@usace.army.mil, nicole.ewing-gavin@tucsonaz.gov, nicole.fyffe@pima.gov, ohenderson@ci.sahuarita.az.us, rcasavant@azstaparks.gov, stahle@ci.sahuarita.az.us, TEmerly@azdot.gov  
cc  
"Arnold, Kathy" <karnold@rosemontcopper.com>, "Cheniae, Gordon" <gcheniae@cox.net>, Beverley A Everson/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, tfurgason@swca.com  
Subject  
Draft Agenda April 2010 Rosemont Copper Project Cooperating Agency Coordination Meeting

Good morning everyone -  
Attached is a copy of the agenda for the April 15, 2010 Rosemont Copper Project Cooperating Agency Coordination Meeting next Thursday. Please let me know if your agency is unavailable to attend. As always, I'm available if you have any questions about the meeting. Looking forward to seeing all of you next week.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax  
E-Mail: tciaapusci@fs.fed.us

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Sep 24 2008 17:38:53 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "andrea w campbell" <awcampbell@fs.fed.us>  
**CC:** "melissa reichard" <mreichard@swca.com>; <jdmacivor@frontiernet.com>; "teresa ann ciapuci" <tciapuci@fs.fed.us>  
**Subject:** purpose need\_092208\_hh\_tf  
**Attachments:** purpose need\_092208\_hh\_tf.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached is the revised P&N for your review. Please note that you may need to revised the information under the 1872 Mining Law.

Tom - purpose need\_092208\_hh\_tf.doc

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed Sep 03 2008 20:01:51 EDT  
**To:** jsturgess@augustaresource.com  
**CC:**  
**Subject:** Rosemont geology figures  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Jamie,

I went to your website, and also tried to download figures from the composite CD for the project, and was unsuccessful with both formats, ie., I couldn't download individual figures. I can't even print them.

What I'm looking for are figures showing:

project and pit area geology, in plan view (including with pit outlines)

project and pit geology in cross section (including with pit outlines)

geologic history (deposition of Paleozoics, erosion of Paleozoics and deposition of younger stratigraphy on top of Paleozoics, mineralization, weathering and formation of oxides)

Most of these figures are not on the website nor on the CD; they are figures I remember from the presentations that Scott and Jeff gave the day that the ID team visited the core shed. I hope that you can allow me to use them for my presentation next Wednesday and the core and extended ID Team kick-off meeting.

Thanks, Jamie. Please call me if you have questions about my request.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Re: Rosemont Mailing List

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Jan 15 2008 12:14:11 EST  
**To:** "jefferson chambers" <jeff.chambers@newmont.com>  
**CC:**  
**Subject:** Re: Rosemont Mailing List  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Jeff, thanks for your interest in this project. Our mailings go out in hard copy via the U.S. Postal Service, so I will need your mailing address to add you.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Jefferson Chambers" <Jeff.Chambers@Newmont.com>  
01/14/2008 07:26 AM

To  
<beverson@fs.fed.us>  
cc

Subject  
Rosemont Mailing List

Please add me to the mailing list to advise me of upcoming hearings related to Augusta Resource Corporation's Rosemont Mining Project.

Jefferson K. Chambers  
Sr. Geologist  
Newmont Mining Corporation  
email: jefferson.chambers@newmont.com  
telephone: +1 (520) 743-0936  
cell phone: +1 (520) 481-6555  
address: 1931 N. Avenida Azahar  
Tucson, AZ 85745

.  
=====

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=====

**From:** brian lindenlaub <blindenlaub@westlandresources.com>  
**Sent:** Tue Sep 09 2008 14:00:27 EDT  
**To:** beverley a everson <beverson@fs.fed.us>; 'deborah k sebesta' <dsebesta@fs.fed.us>  
**CC:** 'jamie sturgess' <jsturgess@augustaresource.com>; 'kathy arnold' <karnold@rosemontcopper.com>; jim tress <jtress@westlandresources.com>  
**Subject:** Talussnails  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev/Debbie,

As you know, we have been evaluating the potential for occurrence and distribution of *Sonorella* at the Rosemont site for several weeks now. I understand that our technical presentations to the Foresthave been moved back to November, but I believe it would be quite worthwhile to meet with you and your biology team to share what we've found so far. Likewise, I believe it may prove helpful to incorporate some field time with your biologists.

We would also very much like to include Mike Martinez with the Fish and Wildlife Service in these discussions, as we have seen his name on some of the email exchanges. We have been able to locate some of the literature that I believe he's been looking for and this would prove an ideal time for some information sharing.

I look forward to hearing back from you.

Regards,

Brian Lindenlaub | Principal

WestLand Resources, Inc.

4001 E Paradise Falls Drive | Tucson, AZ85712

Office: (520) 206-9585 | Fax: (520) 206-9518

**From:** brian lindenlaub <blindenlaub@westlandresources.com>  
**Sent:** Tue Sep 16 2008 16:34:45 EDT  
**To:** 'beverley a everson' <beverson@fs.fed.us>;deborah k sebesta <dsebesta@fs.fed.us>  
**CC:** 'jamie sturgess' <jsturgess@augustaresource.com>;jim tress <jtress@westlandresources.com>;'kathy arnold' <karnold@rosemontcopper.com>  
**Subject:** RE: Talussnails  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev/Debbie,

The 29th works for us as well. We could arrange a meeting at our offices after 2:30, when the big conference room becomes available. Again, we believe it would be worthwhile to meet with the biologists from your team (CNF and SWCA) as well as the US Fish and Wildlife Service. Let me know if these details work for you and I will finalize the schedule and submit the invitations.

Regards,  
Brian Lindenlaub | Principal  
WestLand Resources, Inc.

-----Original Message-----

**From:** Beverley A Everson [mailto:beverson@fs.fed.us]  
**Sent:** Monday, September 15, 2008 9:32 AM  
**To:** Deborah K Sebesta  
**Cc:** Brian Lindenlaub; 'Jamie Sturgess'; Jim Tress; 'Kathy Arnold'  
**Subject:** Re: Talussnails

The 29th works for me.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Deborah K  
Sebesta/R3/USDAFS  
To  
09/15/2008 09:06 Brian Lindenlaub  
AM <blindenlaub@westlandresources.com>  
cc  
Beverley A Everson  
<beverson@fs.fed.us>, 'Jamie  
Sturgess'  
<jsturgess@augustaresource.com> ,

RE: Talussnails

Jim Tress  
<jtress@westlandresources.com>,  
'Kathy Arnold'  
<karnold@rosemontcopper.com>  
Subject  
Re: Talussnails(Document link:  
Beverley A Everson)

Brian,  
I am available on September 29. Does that day work for you?

Debbie Sebesta, District Biologist  
Coronado National Forest  
Nogales Ranger District  
303 Old Tucson Road  
Nogales, AZ 85624  
Voice: 520-761-6009  
Cell: 520-260-7702  
Fax: 520-281-2396  
E-mail: dsebesta@fs.fed.us

Brian Lindenlaub  
<blindenlaub@west  
landresources.com To  
> Beverley A Everson  
<beverson@fs.fed.us>, 'Deborah K  
09/09/2008 11:00 Sebesta' <dsebesta@fs.fed.us>  
AM cc  
'Jamie Sturgess'  
<jsturgess@augustaresource.com>,  
'Kathy Arnold'  
<karnold@rosemontcopper.com>, Jim  
Tress  
<jtress@westlandresources.com>  
Subject  
Talussnails

Bev/Debbie,

As you know, we have been evaluating the potential for occurrence and distribution of *Sonorella* at the Rosemont site for several weeks now. I understand that our technical presentations to the Forest have been moved back to November, but I believe it would be quite worthwhile to meet with you and your biology team to share what we've found so far. Likewise, I believe it may prove helpful to incorporate some field time with your biologists.

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I look forward to hearing back from you.

Regards,  
Brian Lindenlaub | Principal  
WestLand Resources, Inc.  
4001 E Paradise Falls Drive | Tucson, AZ 85712  
Office: (520) 206-9585 | Fax: (520) 206-9518

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This e-mail and any attachments may contain confidential and privileged information. If you are not the intended recipient, please notify the sender immediately by return e-mail, delete this e-mail and destroy any copies. Any dissemination or use of this information by a person other than the intended recipient is unauthorized and may be illegal.

**From:** brian lindenlaub <blindenlaub@westlandresources.com>  
**Sent:** Wed Sep 17 2008 09:53:56 EDT  
**To:** "dsebesta@fs.fed.us" <dsebesta@fs.fed.us>  
"beverson@fs.fed.us" <beverson@fs.fed.us>; "jsturgess@augustaresource.com"  
**CC:** <jsturgess@augustaresource.com>; jim tress <jtress@westlandresources.com>; "karnold@rosemontcopper.com"  
<karnold@rosemontcopper.com>  
**Subject:** Re: Talussnails  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Sounds good, Debbie. I'll check and let the group know.

From: Deborah K Sebesta  
To: Brian Lindenlaub  
Cc: 'Beverley A Everson' ; 'Jamie Sturgess' ; Jim Tress; 'Kathy Arnold'  
Sent: Wed Sep 17 06:24:33 2008  
Subject: RE: Talussnails

Brian,  
You might check with FWS to see if they have a meeting room available earlier in the day. If not, then 2:30 is okay with me.

Debbie Sebesta, District Biologist  
Coronado National Forest  
Nogales Ranger District  
303 Old Tucson Road  
Nogales, AZ 85624  
Voice: 520-761-6009  
Cell: 520-260-7702  
Fax: 520-281-2396  
E-mail: dsebesta@fs.fed.us

-----Brian Lindenlaub <blindenlaub@westlandresources.com> wrote: -----

To: 'Beverley A Everson' <beverson@fs.fed.us>, Deborah K Sebesta <dsebesta@fs.fed.us>  
From: Brian Lindenlaub <blindenlaub@westlandresources.com>  
Date: 09/16/2008 01:34PM  
cc: 'Jamie Sturgess' <jsturgess@augustaresource.com>, Jim Tress <jtress@westlandresources.com>, 'Kathy Arnold' <karnold@rosemontcopper.com>  
Subject: RE: Talussnails

Bev/Debbie,

The 29th works for us as well. We could arrange a meeting at our offices after 2:30, when the big

conference room becomes available. Again, we believe it would be worthwhile to meet with the biologists from your team (CNF and SWCA) as well as the US Fish and Wildlife Service. Let me know if these details work for you and I will finalize the schedule and submit the invitations.

Regards,  
Brian Lindenlaub | Principal  
WestLand Resources, Inc.

-----Original Message-----

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Sent: Monday, September 15, 2008 9:32 AM  
To: Deborah K Sebesta  
Cc: Brian Lindenlaub; 'Jamie Sturgess'; Jim Tress; 'Kathy Arnold'  
Subject: Re: Talussnails

The 29th works for me.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Deborah K  
Sebesta/R3/USDAFS

09/15/2008 09:06 AM  
To  
Brian Lindenlaub  
<blindenlaub@westlandresources.com>  
cc

Beverley A Everson  
<beverson@fs.fed.us>, 'Jamie  
Sturgess'  
<jsturgess@augustaresource.com>,  
Jim Tress  
<jtress@westlandresources.com>,  
'Kathy Arnold'  
<karnold@rosemontcopper.com>  
Subject

Re: Talussnails(Document link:  
Beverley A Everson)

Brian,

I am available on September 29. Does that day work for you?

Debbie Sebesta, District Biologist  
Coronado National Forest  
Nogales Ranger District  
303 Old Tucson Road  
Nogales, AZ 85624  
Voice: 520-761-6009  
Cell: 520-260-7702  
Fax: 520-281-2396  
E-mail: dsebesta@fs.fed.us

Brian Lindenlaub  
<blindenlaub@westlandresources.com>  
>  
09/09/2008 11:00 AM  
To  
Beverley A Everson  
<beverson@fs.fed.us>, 'Deborah K  
Sebesta' <dsebesta@fs.fed.us>  
CC  
'Jamie Sturgess'  
<jsturgess@augustaresource.com>,  
'Kathy Arnold'  
<karnold@rosemontcopper.com>, Jim  
Tress  
<jtress@westlandresources.com>  
Subject  
Talussnails

Bev/Debbie,

As you know, we have been evaluating the potential for occurrence and distribution of *Sonorella* at the Rosemont site for several weeks now. I understand that our technical presentations to the Forest have been moved back to November, but I believe it would be quite worthwhile to meet with you and your biology team to share what we've found so far. Likewise, I believe it may prove helpful to incorporate some field time with your biologists.

We would also very much like to include Mike Martinez with the Fish and Wildlife Service in these discussions, as we have seen his name on some of the email exchanges. We have been able to locate some of the literature that I believe he's been looking for and this would prove an ideal time for some information sharing.

I look forward to hearing back from you.

Regards,  
Brian Lindenlaub | Principal  
WestLand Resources, Inc.  
4001 E Paradise Falls Drive | Tucson, AZ 85712  
Office: (520) 206-9585 | Fax: (520) 206-9518

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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Sep 30 2008 20:06:04 EDT  
**To:** "kimberly caringer" <caringer@ecr.gov>  
**CC:** "john able" <jable@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>  
**Subject:** RE: Tom, Action requested for the Institute - stakeholder list and existing comment data  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Kim,

I'll send you the complete list of those individuals that provided comments on the proposal and a list of individuals that attended the scoping meetings and hearings.

We have yet to combine these two lists with the mailing list that we used for notifying the public about the scoping meetings.

I'll forward a much filtered list to John Able at the Forest Service that he, Bev, and Reta will want to add names. I'm not certain what their turnaround time will be. Feel free to call me if you have any questions.

Tom Furgason  
Program Director  
SWCA Environmental Consultants  
(520) 325-9194 Office  
(520) 820-5178

-----Original Message-----

From: Kimberly Caringer [mailto:caringer@ecr.gov]  
Sent: Tuesday, September 30, 2008 3:19 PM  
To: Tom Furgason  
Subject: FW: Tom, Action requested for the Institute - stakeholder list and existing comment data

Hi Tom,

Would you be able to send me this list by tomorrow? It would be good to have for our Institute internal meeting on communications tomorrow.

Thanks!

Kimberly Caringer  
Program Assistant  
U.S. Institute for Environmental Conflict Resolution  
130 S Scott Ave  
Tucson, AZ 85701  
Direct: (520) 901-8534 Fax: (520) 901-8535  
Email: caringer@ecr.gov Website: www.ecr.gov

-----Original Message-----

From: Reta Laford [mailto:rlaford@fs.fed.us]

Sent: Monday, September 29, 2008 7:23 AM

To: tfurgason@swca.com

Cc: Melissa Reichard; Larry Fisher; Kimberly Caringer; cf;  
Philip.Murphy@infoHarvest.com; John Able; Reta Laford; Beverley A  
Everson

Subject: Tom, Action requested for the Institute - stakeholder list and  
existing comment data

Tom - The US Institute for Environmental Conflict Resolution will be  
leading a working group for the Rosemont Copper Project.

1) Stakeholder List:

Please contact Kim Caringer of the Institute caringer@ecr.gov  
(520-901-8534). She needs a stakeholder list based on public meeting  
attendees and commenters. May need to identify stakeholders' name,  
affiliation, and contact info. May also be helpful to flag those who  
have  
demonstrated a desire in being further involved or could represent  
different interests. cc John and me what you send to Kim so that John  
can  
coordinate an internal review to identify other potential stakeholders.

2) Existing Comment Data:

Philip Murphy, who we talked with on the phone, is anxious to work with  
you  
on accessing the comments in your access database. Please contact him  
Philip.Murphy@infoHarvest.com and work with him directly through this  
effort.

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)

Fax: 520-388-8305

Email: rlaford@fs.fed.us

-----

**From:** rosemonteis <notify@weboffice.com>

**Sent:** Sat Oct 04 2008 15:54:57 EDT

**To:** andrea campbell <awcampbell@fs.fed.us>; debby kriegel <dkriegel@fs.fed.us>; salek shafiqullah <sshafiqullah@fs.fed.us>; sarah davis <sldavis@fs.fed.us>; kristin cox <kscox@swca.com>; melissa reichard <mreichard@swca.com>; beverly everson <beverson@fs.fed.us>; teresa ann ciapusci <tciapusci@fs.fed.us>; deborah sebesta <dsebesta@fs.fed.us>; keith graves <klgraves@fs.fed.us>; kendra bourgart <klbourgart@fs.fed.us>; john able <jable@fs.fed.us>; reta laford <rlaford@fs.fed.us>; walt keyes <wkeyes@fs.fed.us>

**CC:**

**Subject:** Core Team Review

**Attachments:**

**Importance:** Low

**Priority:** Normal

**Sensitivity:** None

Here is the revised link to the P&N and Proposed Action Outline:  
<<https://rosemonteis.webexone.com/r.asp?a=12&id=16218>>

Tom Furgason

(520) 820-5178

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Oct 06 2008 11:42:29 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** FW: Event Reminder: Entire ID Team meeting on Wednesday, October 08, 2008  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

As I recall, this date was released. Am I correct?

Tom

-----Original Message-----

From: rosemonteis [mailto:notify@weboffice.com] On Behalf Of WebExOne  
Reminder Service  
Sent: Monday, October 06, 2008 7:08 AM  
To: Tom Furgason  
Subject: Event Reminder: Entire ID Team meeting on Wednesday, October  
08, 2008

Here is a REMINDER for an event posted on "Rosemont Copper Project EIS".

~ ~ ~ ~ ~  
Entire ID Team meeting  
Wednesday, October 08, 2008 [THIS IS A RECURRING EVENT]  
All Day  
~ ~ ~ ~ ~

[Click here](https://rosemonteis.webexone.com/r.asp?a=4&id=87495) for MORE INFORMATION about this event:  
<https://rosemonteis.webexone.com/r.asp?a=4&id=87495>

~ ~ ~ ~ ~  
Your web office also provides desktop reminders for scheduled events. To  
learn more about the DESKTOP ASSISTANT, click here:  
[https://rosemonteis.webexone.com/help/us/WebOfcHelp/webofficehelp.htm#html/weboffice\\_desktop\\_assistant.htm](https://rosemonteis.webexone.com/help/us/WebOfcHelp/webofficehelp.htm#html/weboffice_desktop_assistant.htm)  
(For Windows users only.)

**From:** brian lindenlaub <blindenlaub@westlandresources.com>  
**Sent:** Mon Oct 06 2008 11:24:31 EDT  
**To:** tom furgason <tfurgason@swca.com>  
**CC:** lara mitchell <lmitchell@swca.com>; beverley a everson <beverson@fs.fed.us>; chuck powell <cpowell@westlandresources.com>; 'kathy arnold' <karnold@rosemontcopper.com>  
**Subject:** Waterline Survey Area  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Tom,

At our meeting last week you indicated that SWCA had completed an archaeological survey of the proposed waterline alignment for the Rosemont Project. We are preparing to survey the same area for PPC and would appreciate it if you could provide us the CAD or GIS linework for the area that you surveyed.

Also, per your request, we will be providing a hand-delivered CD of the MPO figures you identified in your email last week. If you need anything else, please let us know.

Regards,

Brian Lindenlaub | Principal

WestLand Resources, Inc.

4001 E Paradise Falls Drive | Tucson, AZ85712

Office: (520) 206-9585 | Fax: (520) 206-9518

RE: could we meet on Friday afternoon, rather than Thursday afternoon?

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Oct 02 2008 22:49:56 EDT  
**To:** "philip murphy" <philip.murphy@infoharvest.com>  
**CC:** <beverson@fs.fed.us>  
**Subject:** RE: could we meet on Friday afternoon, rather than Thursday afternoon?  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Philip,

I have a meeting from 1:00 to 3:00 on the far east side of Tucson on Friday. I'd be available around 4:00 at the SWCA office, which is a short walk from the Hotel Arizona. We could also work a late day on Thursday and meet after the 3:00 pm meeting with the FS.

Tom

From: Philip Murphy [mailto:Philip.Murphy@InfoHarvest.com]  
Sent: Thu 10/2/2008 11:05 AM  
To: Tom Furgason  
Subject: could we meet on Friday afternoon, rather than Thursday afternoon?

Tom,

Looks like there is a FS meeting 3PM on Thursday that I'm expected to attend.

From our last conversation, it sounded like you had other meetings in the early afternoon on Thursday.

(Although I'm getting into Tucson around 11AM on Thursday, an early PM meeting doesn't sound feasible on Thursday.)

So, if it works for you, could we meet on Friday afternoon instead?

(Meeting with you, learning about your comment DB and getting a copy of the core comments data is my main goal for the trip to Tucson, so if necessary I'll skip the FS meeting on Thursday if that is the only time that works for you.)

Where would be a good place to meet? I'm staying at the Hotel Arizona, we could meet there or at SWCA or ..?

Philip

RE: could we meet on Friday afternoon, rather than Thursday afternoon?

---

Philip Murphy

CEO, InfoHarvest Inc.

Phone 206-686-2729

Direct 206-251-3732

Fax 206-686-2729

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed Oct 15 2008 13:31:21 EDT  
**To:** salek shafiqullah/r3/usdafs@fsnotes  
**CC:**  
**Subject:** MWH and SRK recommendations  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Sal,

Can you give me your recommendations on the full suite of MWH and SRK specialists whose qualifications you reviewed? I would like to get Sylvia's approval of the subcontractors so that SWCA can move forward with hiring.

Thank you.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Wed Oct 15 2008 18:46:37 EDT  
**To:** tfurgason@swca.com;beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Comments on Proposed Action  
**Attachments:** 11204\_Proposed Action\_without figures\_101008\_CE (2)\_Kriegel\_Comments.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

This is a MUCH better document than it was 2 weeks ago! I do, however, have some comments. Thanks.

**From:** salek shafiqullah/r3/usdafs;nsf;sshafiqullah@fs.fed.us;smtp  
**Sent:** Tue Sep 22 2009 13:29:54 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** 9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Julia from Pima County called me and said that 3 will attend from the County. Thanks.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

----- Forwarded by Salek Shafiqullah/R3/USDAFS on 09/22/2009 10:28 AM -----

Reta Laford/R3/USDAFS  
09/18/2009 06:34 PM

To  
brocious@base.sao.arizona.edu, Cindy\_Alvarez@blm.gov, daniel\_moore@blm.gov, dt1@azdeq.gov,  
David\_Jacobs@azag.gov, falco@cfa.harvard.edu, gfleming@asmi.az.gov, jmarques@ci.sahuarita.az.us,  
jmtannler@azwater.gov, julia.fonseca@pima.gov, jwindes@azgfd.gov, karen.howe@tonation-nsn.gov,  
lagrignano@azwater.gov, lee.allison@azgs.az.gov, Leslie.liberti@tucsonaz.gov, LSwartzbaugh@asmi.az.gov,  
madan.singh@mines.az.gov, mark.harting@aztucs.af.mil, Marjorie.E.Blaine@usace.army.mil,  
nicole.ewing-gavin@tucsonaz.gov, nicole.fyffe@pima.gov, ohenderson@ci.sahuarita.az.us,  
rcasavant@azstateparks.gov, stahle@ci.sahuarita.az.us

cc  
Beverley A Everson/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, Teresa Ann  
Ciapusci/R3/USDAFS@FSNOTES, Jeanine Derby/R3/USDAFS@FSNOTES, Reta  
Laford/R3/USDAFS@FSNOTES, gcheniae@cox.net, karnold@rosemontcopper.com,  
jsturgess@augustaresource.com, ccoyle@swca.com, tferguson@swca.com, Salek  
Shafiqullah/R3/USDAFS@FSNOTES, Roger D Congdon/R3/USDAFS@FSNOTES  
Subject

9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)

At yesterday's Cooperating Agency Coordination Meeting, many of you requested a more open sharing of information and the opportunity to interact more with the involved specialists.

Acknowledging your request, I am sharing with you that on Tuesday (9/22/09) there will be a technology transfer meeting about the latest Rosemont Copper Project Reclamation Stormwater Management Technology. Although this meeting was previously set for the specific purpose of sharing technical information with our agency and contracted specialists, I am extending an invitation to those of you who specialize in this area.

David Krizek, the Senior Civil Engineer with Tetra Tech will be presenting this topic. Forest Service

attendees include Salek Shafiquallah and Roger Congdon. SWCA consultant/subconsultant attendees include Dale Ortman and Toby Leeson.

The meeting will be in the Federal Building. It will start at 1:00 and is expected to last three hours.

Please contact Bev Everson (beverson@fs.fed.us, 520-388-8428) if you plan to attend.

(Bev - Please see if room 4B is available for use)

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)

Fax: 520-388-8305

Email: rlaford@fs.fed.us

---

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed Oct 22 2008 16:45:32 EDT  
**To:** daleortmanpe@live.com;salek shafiqullah/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Core team review of Rosemont Proposed Action  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Dale,

I have my comments and comments from Debby Kriegel, Salek, Sarah Davis and Walt Keyes that I am sending to your office in hard copy (I have mine and Debby's in electronic format, but the files are too large to go through our fire wall, and so I can't email them to you). No other comments were received, so this is all of them. They are going out through our mailroom via the SWCA mailbox.

Salek and I had the most comments, and because of this, we would like to meet with you to go over our comments and the rest of the team's comments. We're both available Friday afternoon - would you be available then? Monday morning is also a possibility for me, though I'm not sure of Sal's availability.

Bev

Beverley A. Everson

Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

RE: 1 HR meeting on Tue or Wed next week?

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Sun Oct 26 2008 18:51:31 EDT  
**To:** "philip murphy" <philip.murphy@infoharvest.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: 1 HR meeting on Tue or Wed next week?  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Philip,

I should be available at 3:00 pm on Tuesday. Please let me know if this is an acceptable time for you. I'm looking forward to hearing what you have been working on.

Tom

From: Philip Murphy [mailto:Philip.Murphy@InfoHarvest.com]  
Sent: Thu 10/23/2008 2:46 PM  
To: Tom Furgason  
Cc: Beverley A Everson  
Subject: 1 HR meeting on Tue or Wed next week?

Tom,

Hope all goes well in Tucson.

I'm coming to Tucson Mon-Wed of next week, and was wondering could we meet for an hour to

1. Go over some questions I have clarifying my understanding of the data you gave me
2. Talk about how to keep the data on my system in synch with yours
3. And let you know what we've been up to

I'm open Tuesday (10/28) 2:30PM – 5PM, Wed (10/29) 11:30AM – 4PM

Is there a slot in there that would work for you?

Now that I know where it is, I could walk over to your office.

Philip

---

Philip Murphy

RE: 1 HR meeting on Tue or Wed next week?

CEO, InfoHarvest Inc.

Phone 206-686-2729

Direct 206-251-3732

Fax 206-686-2729

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Sat Oct 18 2008 16:56:15 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "andrea w campbell" <awcampbell@fs.fed.us>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>  
**Subject:** P and N Rosemont 10-14  
**Attachments:** P and N Rosemont 10-14.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached is the pupose and need with Andrea's sugested revisions. Please note that we only have placeholders for the other federal agencies. I'll talk to you in about a week.

Tom - P and N Rosemont 10-14.doc

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Sun Oct 26 2008 19:52:12 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "dale ortman pe" <daleortmanpe@live.com>  
**CC:** "salek shafiqullah" <sshafiqullah@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: Core team review of Rosemont Proposed Action  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Bev,

I'll be available until 10:00 am. I'm looking forward to hearing the comments of the FS Team and getting this to Region this week.

Tom

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thu 10/23/2008 12:18 PM  
To: Dale Ortman PE  
Cc: 'Salek Shafiqullah'; Tom Furgason  
Subject: RE: Core team review of Rosemont Proposed Action

Let's say 9:00 on Monday morning, your office if that's okay.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Dale Ortman PE"  
<daleortmanpe@live.com>

To

10/23/2008 08:19 AM  
""Beverley A Everson""  
<beverson@fs.fed.us>, ""Salek Shafiqullah""

<sshafiqullah@fs.fed.us>  
CC

""Tom Furgason""  
<tfurgason@swca.com>  
Subject

RE: Core team review of Rosemont Proposed Action

Bev,

Just got back from giving a paper at the Tailings and Mine Waste '08 conference in Vail. Unfortunately, I've got commitments on Friday that will not allow me to meet, but I'll be available early next week. So let me know when you and Salek are available and we'll get together.

Cheers,

Dale

---

Dale Ortman PE  
Consulting Engineer

(520) 896-2404 - Office  
(520) 449-7307 - Mobile  
(520) 896-9703 - Fax

daleortmanpe@live.com

PO Box 1233  
Oracle, AZ 85623

-----Original Message-----

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Wednesday, October 22, 2008 1:46 PM  
To: daleortmanpe@live.com; Salek Shafiqullah  
Subject: Core team review of Rosemont Proposed Action

Hi Dale,

I have my comments and comments from Debby Kriegel, Salek, Sarah Davis and Walt Keyes that I am sending to your office in hard copy (I have mine and Debby's in electronic format, but the files are too large to go through our fire wall, and so I can't email them to you). No other comments were received, so this is all of them. They are going out through our mailroom via the SWCA mailbox.

Salek and I had the most comments, and because of this, we would like to meet with you to go over our comments and the rest of the team's comments. We're both available Friday afternoon - would you be available then? Monday morning is also a possibility for me, though I'm not sure of Sal's

availability.

Bev

Beverley A. Everson

Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Oct 28 2008 12:38:27 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "teresa ann ciapusci" <tciapusci@fs.fed.us>; <jable@fs.fed.us>  
**CC:** "melissa reichard" <mreichard@swca.com>  
**Subject:** FW: issue statements  
**Attachments:** ISSUE STATEMENTS - 1900-01.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Team,

Here is an outline based on FS 1900-01 regarding how to write issue statements. Please review and we will make any changes necessary.

Tom - ISSUE STATEMENTS - 1900-01.doc

**Comment Categories**

Water Resources

Process and Procedure

Socioeconomics

Transportation & Access

Wildlife & Habitat

Air Quality

Visual Resource Management

Reclamation

Recreation

Land Use

Public Health & Safety

Noise

Hazardous Waste

Light Pollution

Technical Feasibility

Out of Scope

Soils & Geology

Vegetation

Special Status Species

Riparian

Alternatives

Locatable Minerals

Cultural Resources

Wilderness

Climate Change

Livestock Grazing

Environmental Justice

Fire Management

FOIA

Palentology

Other (electrical transmission was a major theme coded under "other")

Comment Categories

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Nov 03 2008 12:31:53 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** Comment Categories  
**Attachments:** Doc4.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached are the comment categories that Kathy requested.

Tom - Doc4.doc

**From:** geraldine antone <gantone@waknet.org>  
**Sent:** Mon Nov 03 2008 12:00:12 EST  
**To:** mary m farrell <mfarrell@fs.fed.us>  
"austin g. nunez" <anunez@waknet.org>;boyd osegueda <bosegueda@waknet.org>;dee mccabe <dmccabe@waknet.org>;david tenario <dtenario@waknet.org>;"agatha havier-jose (havierjoe@yahoo.com)" <havierjoe@yahoo.com>;michael rios <mrios@waknet.org>;philbert bailey <pbailey@waknet.org>;scott rogers <srogers@waknet.org>;tony burrell <tburrell@waknet.org>;beverley a everson <beverson@fs.fed.us>;"sgriset@swca.com" <sgriset@swca.com>;william b gillespie <wgillespie@fs.fed.us>;reta laford <rlaford@fs.fed.us>;" (hwest@swca.com)" <hwest@swca.com>  
**CC:**  
**Subject:** RE: Meeting about proposed Rosemont mine, Nov 6, 5:15  
**Attachments:**  
  
**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

At this point we just want the people that were on the tour. Not the mine people. The group wanted to hear from each individual what their thoughts were.

-----Original Message-----

From: Mary M Farrell [mailto:mfarrell@fs.fed.us]  
Sent: Monday, November 03, 2008 9:42 AM  
To: Geraldine Antone  
Cc: Austin G. Nunez; Boyd Osegueda; Dee McCabe; David Tenario; Agatha Havier-Jose (havierjoe@yahoo.com); Michael Rios; Philbert Bailey; Scott Rogers; Tony Burrell; Beverley A Everson; sgriset@swca.com; William B Gillespie; Reta Laford  
Subject: Meeting about proposed Rosemont mine, Nov 6, 5:15

Geri, thank you for arranging this meeting, and thank you for the invitation, I'll be there.

Suzanne Griset had to go out of town to take care of a very ill aunt, but I'll ask Bill Gillespie if he's available, too, so we can take lots of notes. Would you want Bev Everson (project leader for the Forest Service) and Reta Laford (Deputy Forest Supervisor) to attend, too, if they are available Thursday evening?

Mary

Mary M. Farrell  
Forest Archaeologist  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

Geraldine Antone  
<gantone@waknet.o  
rg> To  
Boyd Osegueda  
10/31/2008 03:55 <bosegueda@waknet.org>, David  
PM Tenario <dtenario@waknet.org>,  
Michael Rios <mrios@waknet.org>,  
Philbert Bailey

<pbailey@waknet.org>, Scott Rogers  
<vrogers@waknet.org>, Tony Burrell  
<tburrell@waknet.org>, "Agatha  
Havier-Jose (havierjoe@yahoo.com)"  
<havierjoe@yahoo.com>, Mary M  
Farrell <mfarrell@fs.fed.us>

cc

"Austin G. Nunez"

<anunez@waknet.org>, Dee McCabe  
<dmccabe@waknet.org>

Subject

We are scheduling another meeting with the group that went on the Rosemont Mine Tour on November 6, 2008 at 5:15 pm in the San Xavier District Center. Hope you can make it. We would like everybody's input.

Mary, we would like to invite you and your staff, along with SWCA staff to attend the meeting on the 6th.

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Nov 03 2008 12:34:13 EST  
**To:** "kathy arnold" <karnold@rosemontcopper.com>; "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: Comment categories and subcategories  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Kathy,

I have not officially transmitted the comment categories to the Forest Service. However, I forward the list to Bev this morning to release this to Rosemont at their discretion. Feel free to give me a call if you have any questions.

Tom

From: Kathy Arnold [mailto:karnold@rosemontcopper.com]  
Sent: Sunday, November 02, 2008 7:55 AM  
To: Tom Furgason  
Subject: Comment categories and subcategories

Tom –

We are trying to start pulling together strategies for engineering review and mitigation concepts and plan to have a meeting on that on November 13. I would like to key the discussion around the categories and subcategories that you have already set up. What is the best way to get a copy of that information – not the specific comment sorts (unless the database is available) but simply the lists you are using to make those sorts? I will see the Forest Service on Monday and on Tuesday and can ask Bev (or Kendra) if you have transmitted it to them or I can make an official request when I see her on Monday I just want to pick the most efficient route.

Also, I have reviewed all comments that have been posted thus far, but was curious when the last of the mailed comments would be posted – I just want to have a full understanding of what will be on the issues lists.

Cheers!

Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@rosemontcopper.com

Rosemont Copper Company

P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Nov 04 2008 14:38:25 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: EPG request for comment information  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Bev,

Jamie Wood's (EPG) request was on October 13th. After our conversation, I forwarded her a copy of the comments as related to transmission to her on Oct. 14th.

Tom

-----Original Message-----

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, October 16, 2008 5:21 PM  
To: Tom Furgason  
Subject: EPG request for comment information

Hi Tom,

This is in response to the request from Jamie Wood at EPG for a copy of the Rosemont Copper Project scoping comments. You had asked me on Tuesday for permission from the Forest to release this information.

Jeanine has okayed the release of this information to EPG, but is concerned that SWCA doesn't get in the position of deciding what is pertinent data for EPG's question, and asks that you give EPG the data set and let them determine what is relevant to them.

Also, for further documentation on this matter, can you give me the date of Jamie's request?

Thanks.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

RE: EPG request for comment information

Voice: 520-388-8428

Fax: 520-388-8305



United States  
Department of  
Agriculture

Forest  
Service

Coronado National Forest  
Supervisor's Office

300 W. Congress  
Tucson, Arizona 85701  
Phone (520) 388-8300  
FAX (520) 388-8305  
Deaf & Hearing Impaired 711

---

**File Code:** 1950-3/2810

**Date:** September 10, 2009

Jamie Sturgess  
Rosemont Copper Company  
4500 Cherry Creek South Drive  
Suite 1040  
Denver, CO 80246

### **ROSEMONT COPPER PROJECT AUGUST 2009 STATUS SUMMARY**

Dear Mr. Sturgess:

This meeting serves to fulfill the Forest's commitment to consult with you and keep you informed of progress made in the National Environmental Policy Act (NEPA) review of the Rosemont Copper Project and to hold monthly meetings to discuss progress and any important issues and/or needs, pursuant to Item D4 of our Memorandum of Understanding (MOU #03-MU-11030510-010, as modified).

The project status summary and meeting agenda are as follows:

- 1. CHIRICAHUA LEOPARD FROG**  
Arizona Game and Fish presentation of their recovery program for the listed Chiricahua Leopard Frog, including recent surveys and releases.
- 2. SWCA ENVIRONMENTAL CONSULTANTS PROJECT STATUS BRIEFING**  
SWCA presentation of project status, including Chapter 3 of the environmental impact statement, alternatives development, Scoping Report 3, and biological reports (see attached National Environmental Policy Act Process Milestone Report and Monthly Environmental Impact Statement Progress Report).
- 3. FOREST ENVIRONMENTAL IMPACT STATEMENT STATUS**  
Current and upcoming work on the analysis includes Forest Supervisor review of refined issue statements (week of September 14), interdisciplinary team review of cooperating agency responses to proposed alternatives, interdisciplinary team leader request for company input on alternatives (response expected September 28), and revision of the environmental impact statement scheduling.
- 4. AUGUST 10 – 14, 2009 PROJECT AUDIT**  
Company summary of audit findings.



**5. PROJECT EXPEDENDITURES**

Expenditures for the month of July 2009 total \$60,939.97 (see attached Transaction Summary and Transaction Register).

Sincerely,

BEVERLEY A. EVERSON  
Forest Geologist

Attachments:

NEPA Process Milestone Report  
Monthly Environmental Impact Statement Progress Report  
Transaction Register for July 2009

ec: Regional Office Geology and Minerals (Cordts)  
Regional Office Ecosystem Analysis and Planning (Davis)

cc: SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, AZ 85701

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Sep 11 2009 20:29:54 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
abelauskas@fs.fed.us;aelek@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jable@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary  
**CC:** m farrell/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;rlfevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;tami  
emmett/r3/usdafs@fsnotes;tfurgason@swca.com;walter keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Project status update  
**Attachments:** 2009 09 17 DRAFT Agenda.pdf;RCC Sept 10, 2009 Project Status Summary.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We did not have a project status update in the IDT meeting on Wednesday, so here is a briefing:

Rosemont Copper Company staff, Jeanine Derby, Reta Laford, Rick Gerhart, Game and Fish staff, and I met yesterday for the bimonthly (twice a month) meeting (usually just between the company and FS) project status update. The meeting agenda is attached.

There will be a cooperating agency meeting on September 17; the draft agenda is attached. Please let Teresa Ann know if you are interested in attending the meeting.

There will be a technology transfer meeting for stormwater discharge design (presented by Rosemont Consultant Tetra Tech) on September 22.

SWCA's Scoping Report 3 (on Issue Statement development), is currently under review.

Kent, can you brief the team on the latest EPG meeting, and tell us the date of the next meeting? If anyone else is working on something with the project that they would like to share, please do so.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

FW: Electricity report

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Nov 03 2008 16:07:45 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** FW: Electricity report  
**Attachments:** Other- Electricity.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached is the comment information that I sent to Ms. Jamie Wood of EPG on October 14th for your records. Please let me know if you have any more questions.

Tom

From: Tom Furgason  
Sent: Tuesday, October 14, 2008 2:18 PM  
To: jwood@epgaz.com  
Subject: FW: Electricity report

From: Melissa Reichard  
Sent: Tuesday, October 14, 2008 2:03 PM  
To: Tom Furgason  
Subject: Electricity report

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

- Other- Electricity.pdf

**From:** salek shafiqullah/r3/usdafs;nsf;sshafiqullah@fs.fed.us;smtp  
**Sent:** Tue Nov 04 2008 19:30:59 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Correspondence review complete. File Code: 2810, subject: Rosemont Copper Project SWCA Subcontractors  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

File Code: 2810--Rosemont Copper Project SWCA Subcontractors  
Review of this document is complete  
Click on the following link to view the document->

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Nov 14 2008 15:48:14 EST  
**To:** jsturgess@augustaresource.com  
**CC:** "kathy arnold rosemont" <karnold@rosemontcopper.com>;rreddy@augustaresource.com  
**Subject:** Re: Rosemont -- USFS Collection Agreement Modification  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Okay, talk to you then.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

jsturgess@augustaresource.com  
11/14/2008 01:18 PM

Please respond to  
jsturgess@augustaresource.com

To  
"Beverley A Everson email" <beverson@fs.fed.us>, rreddy@augustaresource.com, "Kathy Arnold ROSEMONT" <karnold@rosemontcopper.com>  
cc

Subject  
Re: Rosemont -- USFS Collection Agreement Modification

Plane late

Call at 230 PM

Jamie  
-----Original Message-----  
From: Beverley A Everson email

Re: Rosemont -- USFS Collection Agreement Modification

To: Jamie Sturgess

Sent: Nov 14, 2008 1:00 PM

Subject: Fw: Rosemont -- USFS Collection Agreement Modification

Return Receipt

Your Fw: Rosemont -- USFS Collection Agreement Modification  
document:

was Beverley A Everson/R3/USDAFS

received

by:

at: 11/14/2008 13:00:47

Sent from my Verizon Wireless BlackBerry

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Dec 03 2008 13:56:16 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: Electronic Copy of the USFWS Consultation Request Letter  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Good point Bev. Thanks for the prompt review.

Tom

-----Original Message-----

From: Beverley A Everson <beverson@fs.fed.us>  
Sent: Wednesday, December 03, 2008 11:44 AM  
To: Geoff Soroka <gsoroka@swca.com>  
Cc: Deborah K Sebesta <dsebesta@fs.fed.us>; Larry Jones <ljones02@fs.fed.us>; Tom Furgason <tfurgason@swca.com>; Thomas Skinner <tskinner@fs.fed.us>  
Subject: Re: Electronic Copy of the USFWS Consultation Request Letter

Debbie, Larry and Tom; on our letter to USFWS, please put my name and phone number as the second contact, and Debbie's as the first. Otherwise, I'll probably just end up referring the questions to one of you as I probably won't know the answers. Thanks.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Geoff Soroka" <gsoroka@swca.com>  
12/03/2008 10:57 AM

To  
"Deborah K Sebesta" <dsebesta@fs.fed.us>  
cc  
"Thomas Skinner" <tskinner@fs.fed.us>, "Larry Jones" <ljones02@fs.fed.us>,  
"Tom Furgason" <tfurgason@swca.com>, "Beverley A Everson"  
<beverson@fs.fed.us>  
Subject  
Electronic Copy of the USFWS Consultation Request Letter

Hello Debbie,

Attached is the letter requesting formal consultation with the USFWS to be signed by Jeanine Derby as directed by the last ID Core Team Meeting. Hard copies of this letter will also be mailed to your office and the Supervisor's Office for the project record.

Thank you,

Geoffrey Soroka

SWCA Biologist/Project Manager

Tucson Office

(520) 325-9194

gsoroka@swca.com

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Dec 15 2008 15:49:26 EST  
**To:** "salek shafiqullah" <sshafiqullah@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "dale ortman pe" <daleortmanpe@live.com>  
**Subject:** FW: Rosemont Hydrology Meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Salek,

Jim Davis from Errol Montgomery would like to meet with the SWCA/Dale Ortman/SRK/MWH hydro team to continue providing information regarding our hydrological investigation and groundwater flow model development for both the mine area and for the groundwater supply pumping in the SahuaritaHeightsarea.

Are you available during the first week of January, or even possibly next week? The only dates other than the legal holidays that I will be unavailable will be January 12-13.

Tom

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri Dec 19 2008 11:24:59 EST  
**To:** "salek shafiqullah" <sshafiqullah@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>  
**Subject:** RE: Rosemont Groundwater Meeting - January 15  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Salek,

Should Roger also attend this meeting?

Tom

From: Dale Ortman PE [mailto:daleortmanpe@live.com]  
Sent: Thursday, December 18, 2008 11:21 AM  
To: 'Rebecca A Miller'; 'Hoag, Cori'  
Cc: Tom Furgason; 'Salek Shafiqullah'  
Subject: Rosemont Groundwater Meeting - January 15

I have confirmed with Jim Davis (Errol L. Montgomery & Associates) that they are prepared to meet on January 15 to present a detailed description of their work for both the Santa Cruz Valley and the mine site. The groundwater modelers with Montgomery will be available for half a day and we can use the remainder of the time for ongoing discussion with Jim Davis or among ourselves. I will be receiving a tentative agenda from Jim and likely will meet with him in the near future to get a better idea of what they have to present. In the event it looks like we can make good use of more than one day, or want to digest the initial presentation and return for a question and answer session, I would like to know if your specialists might be available to stay for Friday (heading home Friday afternoon or evening).

Regards,

Dale

---

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box1233

Oracle, AZ 85623

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri Dec 19 2008 12:52:23 EST  
**To:** "roger d congdon" <rcongdon@fs.fed.us>; "salek shafiqullah" <sshafiqullah@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "dale ortman pe" <daleortmanpe@live.com>  
**Subject:** RE: FW: Rosemont Hydrology Meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Roger,

We are fairly certain that the meeting will be held Thursday, January 15. I'll leave it to Dale to firm up the details.

Tom

From: Roger D Congdon [mailto:rcongdon@fs.fed.us]  
Sent: Friday, December 19, 2008 10:22 AM  
To: Salek Shafiqullah  
Cc: Beverley A Everson; Dale Ortman PE; Tom Furgason  
Subject: Re: FW: Rosemont Hydrology Meeting

I will not be available until January 6th at the earliest. So far, my January calendar is relatively unfilled (but not for long). Remember, I would greatly prefer not to have a meeting on the day following a Sunday or a holiday, as I would have to travel on that day to get there on time.

Thanks all.

Roger D. Congdon, PhD  
Hydrogeologist  
USDA Forest Service  
333 Broadway Blvd SE  
Albuquerque, NM 87102  
(505) 842-3835  
FAX: (505) 842-3152

Salek Shafiqullah/R3/USDAFS

12/15/2008 03:04 PM

To

"Tom Furgason" <tfurgason@swca.com>

cc

"Beverley A Everson" <beverson@fs.fed.us>, "Dale Ortman PE" <daleortmanpe@live.com>, Roger D Congdon/R3/USDAFS@FSNOTES

Subject

Re: FW: Rosemont Hydrology MeetingLink

Hello Tom,

Week of Dec 15. Available all week but I am coordinating with others for at least two days of field work for this week.

Week of Dec 22 (Xmas) Not available. Annual Leave

Week of Dec 29 (New Years) Not available. Annual Leave

Week of Jan 5 Not available. Working at the Regional office (Albuquerque).

Week of Jan 12. Available 14, 15, 16 (Tom is not available on 12,13).

Week of Jan 19. Available 20, 21, 22, 23 (Jan 19 is Federal holiday).

I called Roger and left him a message as to his availability. I think he is in Tucson the Week of Dec 15 but may be booked up with other tasks.

Hope this helps.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

"Tom Furgason" <tfurgason@swca.com>

12/15/2008 01:49 PM

To

"Salek Shafiqullah" <sshafiqullah@fs.fed.us>

cc

"Beverley A Everson" <beverson@fs.fed.us>, "Dale Ortman PE" <daleortmanpe@live.com>

Subject

FW: Rosemont Hydrology Meeting

Salek,

Jim Davis from Errol Montgomery would like to meet with the SWCA/Dale Ortman/SRK/MWH hydro team to continue providing information regarding our hydrological investigation and groundwater flow model development for both the mine area and for the groundwater supply pumping in the SahuaritaHeightsarea.

Are you available during the first week of January, or even possibly next week? The only dates other than the legal holidays that I will be unavailable will be January 12-13.

Tom

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Jan 07 2009 16:55:34 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** FW: Rosemont PA questions  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Can you please respond to Ben's first question? Thanks.

Tom

From: Ben Gaddis  
Sent: Monday, January 05, 2009 7:01 PM  
To: Tom Furgason; Charles Coyle  
Subject: Rosemont PA questions

Tom and Charles,

In my work so far on revising the Rosemont PA I have come up with a few brief questions that it would be nice to clear up right out of the gate. I'll provide them to you here but it may be easier to talk briefly about them over the phone than for one of you to email responses.

1. The MPO executive summary refers to 132 patented claims totaling 1,968 acres. It also refers to 850 unpatented claims with an aggregate area of approximately 12,000 acres. Then there are 911 acres of fee land. The total of patented, unpatented, and fee lands is 14,880 acres. However, the project will impact only 530 acres of private land and 3,670 acres of CNF land. This is split by Plant site (355), tailings/waste rock/leach (2,895), and pit (950). What's what (private vs. CNF) in the breakdown of disturbance? Also, I think the MPO is misleading when it lists 1,968 acres of lode claims as the "core of the Property" (body of MPO) or "core of the Project" (executive summary of the MPO). From the pit number provided (950 acres) they won't even be utilizing half of the patented claims they have access to but I have yet to find a section that notes the number of claims that would actually have ore extracted from them during the course of this project. Maybe I'm just looking in the wrong place?

2. I have been using Rosemont Copper (or Rosemont Copper Company) when referring to the proponent as this is what I've seen elsewhere (a June draft of Chapters 1 and 2, for example). But, the MPO states Augusta Resource Corporation as the owner and operator. I realize this is relatively inconsequential but which is technically correct/preferable?

3. Is there an author's guide for writing that includes things like whether the proposed action should be referred to as "proposed action" or "Proposed Action"? These things are minor and easily edited but if there is a guide already set up I may as well use it.

On a side note, I've been looking at BLM (Elko) and FS (Salmon-Challis and Kootenai) examples of EISs for locatable mineral developments. These have been very useful in gauging appropriate level of detail as expected by FS. I know that the PA needs to be pared down but, interestingly, the examples range from 34 to 50 pages in length to describe the PA. The current draft of the Rosemont PA is 40 pages. I suppose it's neither here nor there given the direction to pare down, but interesting.

Thanks and Happy New Year!

Ben

Benjamin Gaddis

SWCA Environmental Consultants

257 E 200 S, Suite200

Salt Lake City, Utah84111

(801) 322-4307 x 209 office

(801) 259-3257 cell

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[www.swca.com](http://www.swca.com)

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Wed Jan 21 2009 07:52:42 EST  
**To:** ""beverley a everson" <beverson@fs.fed.us>  
**CC:** ""tom furgason" <tfurgason@swca.com>; "melissa reichard " <mreichard@swca.com>  
**Subject:** Rosemont Contact Approval - Kathy Arnold - Potential Geochemistry Technology Transfer Meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

This email confirms our discussion of January 20 and your approval for me to directly contact Kathy Arnold (Rosemont Copper) to discuss a possible geochemistry Technology Transfer meeting for January 27th.

Regards,

Dale

---

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623



**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Tue Sep 22 2009 14:46:13 EDT  
**To:** reta laford/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: What to call mitigated plan? -Fw: 9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

I called it "Barrel/McCleary - Phased Tailings" in my July powerpoint to Coop Agencies.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Reta Laford/R3/USDAFS  
09/22/2009 08:48 AM

To  
Melinda D Roth/R3/USDAFS@FSNOTES, Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
"Joggerst, Jamie" <Jamie.Joggerst@tetrattech.com>, Kathy Arnold <karnold@rosemontcopper.com>, Reta Laford/R3/USDAFS@FSNOTES  
Subject  
What to call mitigated plan? -Fw: 9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)

Mindee / Bev - See Kathy Arnold's note. How should the mitigated plan be referred to? Probably it should be in terms of the geographic alternative label name. Which is what? What do you think? Anything else? We will need to let Tetrattech know before the meeting.

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)

Fax: 520-388-8305

Email: rlaford@fs.fed.us

---

Kathy Arnold <karnold@rosemontcopper.com>

09/21/2009 08:13 AM

To

Reta Laford <rlaford@fs.fed.us>

cc

"Joggerst, Jamie" <Jamie.Joggerst@tetrattech.com>

Subject

RE: Jamie Joggerst FYI -Fw: 9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)

Reta –

One question that we have to be sure Tetra Tech uses the correct terminology. Their mandate has been to work only on our Mitigated Mine Plan of Operations layout and that is what we have been internally referring to that shape as. Is this appropriate or should it be called something else – i.e. Barrel and McCleary Alternative or something like that. I have also told them that they should not try to speculate how this will translate to the other alternatives that they have been helping with, any alternatives that make the cut for further analysis will have similar water management strategies applied but at this point we haven't spent the money to do that therefore they should not speculate.

Any other thoughts or pitfalls they should stay away from? Other than that one thing I told them everything is on the table for discussion.

Cheers!

Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@rosemontcopper.com

Rosemont Copper Company

P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Dec 22 2008 10:33:45 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** FW: Rosemont Groundwater Meeting - January 15  
**Attachments:** Begay\_Walter additional NEPA 121808.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

FYI

From: Rebecca A Miller [mailto:Rebecca.A.Miller@us.mwhglobal.com]  
Sent: Monday, December 22, 2008 7:50 AM  
To: Tom Furgason  
Cc: Dale Ortman PE  
Subject: Re: Rosemont Groundwater Meeting - January 15

Hi Tom,  
Let me know if this was sent to Bev. Thanks.

Best regards,

Rebecca A. Miller, R.G.  
Principal Geologist, MWH Americas, Inc.  
4820 South Mill Avenue, Suite 104, Tempe, Arizona 85282- USA  
direct 480-756-5302 cell 602-391-3015 fax 480-755-8203

Rebecca A Miller/User/Americas/Montgomery Watson

12/18/2008 05:26 PM

To

"Dale Ortman PE" <daleortmanpe@live.com>

CC

"Tom Furgason" <tfurgason@swca.com>

Subject

Re: Rosemont Groundwater Meeting - January 15Link

Bev Everson call asking for a little more explanation of Walter Begay's NEPA experience. I asked Walter to emphasize said experience and here is what he wrote. Let me know if this is okay to send to Bev.

Best regards,

Rebecca A. Miller, R.G.  
Principal Geologist, MWH Americas, Inc.  
4820 South Mill Avenue, Suite 104, Tempe, Arizona 85282- USA  
direct 480-756-5302 cell 602-391-3015 fax 480-755-8203

-----"Dale Ortman PE" <daleortmanpe@live.com> wrote: -----

To: "Rebecca A Miller" <Rebecca.A.Miller@us.mwhglobal.com>, "Hoag, Cori" <choag@srk.com>  
From: "Dale Ortman PE" <daleortmanpe@live.com>  
Date: 12/18/2008 11:20AM  
cc: "Tom Furgason" <tfurgason@swca.com>, "Salek Shafiqullah" <sshafiqullah@fs.fed.us>  
Subject: Rosemont Groundwater Meeting - January 15

I have confirmed with Jim Davis (Errol L. Montgomery & Associates) that they are prepared to meet on January 15 to present a detailed description of their work for both the Santa CruzValleyand the mine site. The groundwater modelers with Montgomerywill be available for half a day and we can use the remainder of the time for ongoing discussion with Jim Davis or among ourselves. I will be receiving a tentative agenda from Jim and likely will meet with him in the near future to get a better idea of what they have to present. In the event it looks like we can make good use of more than one day, or want to digest the initial presentation and return for a question and answer session, I would like to know if your specialists

might be available to stay for Friday (heading home Friday afternoon or evening).

Regards,

Dale

---

Dale Ortman PE  
Consulting Engineer

(520) 896-2404 - Office  
(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box1233  
Oracle, AZ 85623  
- Begay\_Walter additional NEPA 121808.doc

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Apr 22 2010 20:33:30 EDT  
**To:** tfurgason@swca.com;mreichard@swca.com;melinda d roth/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Alternatives  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Please see Marjorie's message below. Brian asked that copies be returned to Westland (I'm be giving ours back tomorrow).

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 04/22/2010 05:31 PM -----

"Blaine, Marjorie E SPL" <Marjorie.E.Blaine@usace.army.mil>  
04/22/2010 12:42 PM

To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>  
cc  
"Brian Lindenlaub" <blindenlaub@westlandresources.com>, "Beverley A Everson" <beverson@fs.fed.us>  
Subject  
Alternatives

Teresa Ann

You all may have received an alternatives analysis for Rosemont through Kathy Arnold. This was prepared by WestLand. That is a premature document that was not supposed to go to the USFS. WL is currently preparing a technical memo with our final array of alternatives that they will send to me and I will forward to you.

My apologies. WL will be contacting you all to get the documents back. Thank you.

Marjorie Blaine  
Senior Project Manager/Biologist  
U.S. Army Corps of Engineers

Tucson Project Office, Regulatory Division

5205 E. Comanche Street

Tucson, AZ 85707

(520)584-1684 (phone)

(520)584-1690 (fax)

Assist us in better serving you!

You are invited to complete our customer survey, located at the following link:

<http://per2.nwp.usace.army.mil/survey.html>

Note: If the link is not active, copy and paste it into your internet browser.

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Wed Jan 21 2009 08:17:53 EST  
**To:** ""beverley a everson" <beverson@fs.fed.us>  
"salek shafiqullah" <sshafiqullah@fs.fed.us>; "tom furgason" <tfurgason@swca.com>; "melissa reichard "  
**CC:** <mreichard@swca.com>; "hoag, cori" <choag@srk.com>; "stone, claudia" <cstone@srk.com>; "garcia, dawn"  
<dgarcia@srk.com>; "kathy arnold" <karnold@rosemontcopper.com>  
**Subject:** Potential Geochemistry Technology Transfer Meeting - January 27  
**Attachments:** SRK-UK\_RBowell\_Jan05.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I have contacted Kathy Arnold (Rosemont Copper) regarding the possibility of holding a geochemistry Technology Transfer meeting the morning of Tuesday January 27th. There is a strong likelihood that Rob Bowell, a world-class geochemist with SRK (see attached resume), will be in Tucson that morning in transit from his home office in Cardiff, Wales to a project in Mexico and may be available for 2-3 hours in the morning. I believe it would be of use to the project to take this opportunity to introduce Rob to the project without having to foot the travel expense; following such an introduction he would be well prepared to direct the review of the Rosemont geochemistry. Kathy agrees and is tentatively arranging to have the appropriate Rosemont consultants in Tucson for the meeting. SRK is awaiting final approval from their client who is bringing Rob through Tucson for the project in Mexico and expects the decision later this week. Assuming SRK's client gives approval for Rob's trip I would like to tentatively schedule a meeting for:

Date: Tuesday, January 27

Time: 8:30 – 11:30 AM

Location: SRK Consulting  
3275 West Ina Road, Suite 240  
Tucson, AZ

Regards,

Dale

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

- SRK-UK\_RBowell\_Jan05.pdf

Re: subcontractor charts

**From:** salek shafiqullah/r3/usdafs;nsf;sshafiqullah@fs.fed.us;smtp  
**Sent:** Wed Jan 07 2009 16:10:46 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: subcontractor charts  
**Attachments:** consultant\_review\_jan2009.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Per your request.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

Beverley A Everson/R3/USDAFS  
01/06/2009 08:23 AM

To  
Salek Shafiqullah/R3/USDAFS@FSNOTES  
cc

Subject  
subcontractor charts

Good morning Sal,

I was wondering if you could send me the charts that accompanied your letters of recommendation for the SWCA subcontractors? I need to edit them to add a column to address whether or not each specialist has the experience to meet the grade qualifications (mostly GS-12). If you would like to go over the grade quals yourself to see if you agree with my assessments, that's okay by me. Let me know.

I'm working from home this morning and will be in the office this afternoon. I'm also in tomorrow and Thursday, though I'll be in a meeting in the morning tomorrow and in another one Thursday from about 11:00 to 1:00. I'll probably work from home on Friday. I'm always available by cell, 444.4605.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest

Re: subcontractor charts

300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Invitation: Rosemont Hydrology West Team Meeting (Feb 17 14:00 MST in Go To Meeting provided by Montgomery & Assoc)

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Fri Jan 16 2009 14:47:23 EST  
**To:** <beverson@fs.fed.us>; <cstone@srk.com>; <daleortmanpe@live.com>; <dweber@elmontgomery.com>; <hbarter@elmontgomery.com>; <jdavis@elmontgomery.com>; <lcope@srk.com>; <mmyers@elmontgomery.com>; <mthomasson@elmontgomery.com>; <mreichard@swca.com>; <sshafiqullah@fs.fed.us>; <tfurgason@swca.com>; "usda forest service, roger congdon" <rcongdon@fs.fed.us>  
**CC:**  
**Subject:** Invitation: Rosemont Hydrology West Team Meeting (Feb 17 14:00 MST in Go To Meeting provided by Montgomery & Assoc)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Re: IDT meeting tomorrow and reminder of economics talk...please read

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Jun 29 2010 19:17:24 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
abelauskas@fs.fed.us;aelek@fs.fed.us;cablair@fs.fed.us;cceleblanc@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;hschewel@fs.fed.us;jeremy j sautter/r3/usdafs@fsnotes;kendall  
**CC:** brown/r3/usdafs@fsnotes;ljoness02@fs.fed.us;melinda d  
roth/r3/usdafs@fsnotes;mfarrell@fs.fed.us;mreichard@swca.com;rlaford@fs.fed.us;rlefevre@fs.fed.us;seanlockwood@fs.fed.us;slodavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Re: IDT meeting tomorrow and reminder of economics talk...please read  
**Attachments:** Power Vita.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Note that the meeting tomorrow is in 4B, and it will start at 9:30 instead of the usual 9:00.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Beverley A Everson/R3/USDAFS  
06/29/2010 02:37 PM

To  
abelauskas@fs.fed.us, aelek@fs.fed.us, cablair@fs.fed.us, cceleblanc@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, hschewel@fs.fed.us, Kendall  
Brown/R3/USDAFS@FSNOTES, ljoness02@fs.fed.us, Melinda D Roth/R3/USDAFS@FSNOTES, mfarrell@fs.fed.us, mreichard@swca.com, rlaford@fs.fed.us, rlefevre@fs.fed.us,  
seanlockwood@fs.fed.us, slodavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS,  
Jeremy J Sautter/R3/USDAFS  
cc

Subject  
IDT meeting tomorrow and reminder of economics talk

Please see Mindee's message below concerning the socio-economic talk tomorrow. Core team please plan on a short discussion of the current Scholefield Alternative footprint and the latest configuration on the Barrel landforming design. As always, extended team members are encouraged to participate if you can.

Thank you!

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 06/29/2010 02:34 PM -----

Melinda D Roth/R3/USDAFS  
06/24/2010 01:22 PM

To  
brocious@base.sao.arizona.edu, cbeck@azdot.gov, Cindy\_Alvarez@blm.gov, daniel\_moore@blm.gov, dt1@azdeq.gov, David\_Jacobs@azag.gov, falco@cfa.harvard.edu, gfleming@asmi.az.gov, jmarques@ci.sahuarita.az.us, jmtannler@azwater.gov, julia.fonseca@pima.gov, jwindes@azgfd.gov, karen.howe@tonation-nsn.gov, lagrignano@azwater.gov, lee.allison@azgs.az.gov, Leslie.Ethen@tucsonaz.gov, LSwartzbaugh@asmi.az.gov, madan.singh@mines.az.gov, mark.harting@aztucs.af.mil, Marjorie.E.Blaine@usace.army.mil, nicole.ewing-gavin@tucsonaz.gov, nicole.fyffe@pima.gov, ohenderson@ci.sahuarita.az.us, rcasavant@azstateparks.gov, rsejkora@azstateparks.gov, stahle@ci.sahuarita.az.us, TEmery@azdot.gov, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES  
cc  
dkriegel@fs.fed.us, dsebesta@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, wkeyes@fs.fed.us, hschewel@fs.fed.us, temmett@fs.fed.us, gmckay@fs.fed.us, rlefevre@fs.fed.us, aelek@fs.fed.us, abelauskas@fs.fed.us, ecuriel@fs.fed.us, mfarrell@fs.fed.us, wgillespie@fs.fed.us, ccleblanc@fs.fed.us, seanlockwood@fs.fed.us, ljones02@fs.fed.us, cablair@fs.fed.us, Beverley A Everson/R3/USDAFS@FSNOTES, pdl r3 coronado flt@FSNOTES, tfurgason@swca.com, cbellavia@swca.com, jrigg@swca.com, Melinda D Roth/R3/USDAFS@FSNOTES  
Subject  
Fw:Rosemont Socio-Economic Presentation June 30th 9:30-11:00

Cooperating agencies and ID Team, This is a special topic and presentation at Wednesday's Core IDT meeting that you are invited to. Call me if you have questions. To be sure we have enough space, please drop me an email by Tuesday if you (and others from your agency) plan to attend. Thanks.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 06/24/2010 01:16 PM -----

Reta Laford/R3/USDAFS  
06/24/2010 08:44 AM

To  
Melinda D Roth/R3/USDAFS@FSNOTES  
cc

Subject  
RSVP, Socio-Economic Presentation June 30th 9:30-11:00

RSVP. You are cordially invited to a socio-economic presentation by Thomas Michael Power's on Wednesday, June 30 from 9:30 to 11:00. The presentation will be held in the Federal Building at 300 W Congress Street, Room 4B.

Information about Thomas Powers:

Re: IDT meeting tomorrow and reminder of economics talk...please read

Power Consulting has been applying the analytical tools of Natural Resource Economics and Regional Economics to public policy issues for almost 40 years. Water, energy, and environmental issues are intertwined in ways that required new approaches to regulation. Dr. Power, a Professor of Economics at The University of Montana and Chairman of the Economics Department for 30 years, focused his research and publications on these issues. Power Consulting has stayed focused on Natural Resource Economics and the intersection between natural resources and regional economic vitality. We focus on energy, mineral, water, land, and environmental resources, their efficient use, and the ways their use affects local economic vitality and well being.

Reta Lafort  
Acting Forest Supervisor  
Coronado National Forest  
Phone: 520-388-8307

-----

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Fri Jan 30 2009 05:56:16 EST  
**To:** ""beverley a everson" <beverson@fs.fed.us>;""salek shafiqullah"" <sshafiqullah@fs.fed.us>;""rebecca a miller"" <rebecca.a.miller@us.mwhglobal.com>;""kathy arnold"" <karnold@rosemontcopper.com>;""jim davis"" <jdavis@elmontgomery.com>;""hale barter"" <hbarter@elmontgomery.com>  
**CC:** ""tom furgason"" <tfurgason@swca.com>;""melissa reichard"" <mreichard@swca.com>  
**Subject:** Rosemont West Side Groundwater Technology Transfer Conference Calls  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The first of the scheduled West Side Groundwater Technology Transfer Conference Calls is set for Tuesday, February 3rd at 12:30 PM (Arizona Time). In order to streamline the process I want to substitute a simple conference call rather than using the Go to Meeting format. Also, I want to limit the participants to only those necessary to inform the various parties as to pertinent aspects of the ongoing work. The conference call process will be:

**Schedule:** 1st & 3rd Tuesday of each month

**Time:** 12:30 PM Arizona Time

**Invitees:** CNF – Bev Everson, Salek Shafiqullah, and CNF staff as necessary  
MWH – Rebecca Miller and MWH staff as necessary  
Montgomery & Associates – Jim Davis and/or Hale Barter and Montgomery staff as necessary  
Rosemont – Kathy Arnold as she determines necessary  
SWCA – Dale Ortman, Tom Furgason, Melissa Reichard

**Process:** Conference Call Center Telephone Number: 866-866-2244  
Code: 9550668

Please confirm receipt of this e-mail.

If you have any questions contact me (contact information below) or Melissa Reichard (520-325-9194).

Regards,

Dale

---

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Wed Jan 28 2009 18:57:11 EST  
**To:** ""beverley a everson"" <beverson@fs.fed.us>  
**CC:** ""salek shafiqullah"" <sshafiqullah@fs.fed.us>; ""tom furgason"" <tfurgason@swca.com>; ""melissa reichard "" <mreichard@swca.com>  
**Subject:** Initial Feedback from Rosemont Eastside Groundwater Technology Transfer Session  
**Attachments:** M+A\_Cmmnts.memo.183101.RLH\_LC\_CS.20090121.FNL.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached is a memorandum summarizing the initial response of SRK to the information presented during the January 15th Technology Transfer meeting at the office of Errol L. Montgomery & Associates. Please review and, if you agree, forward the memorandum to Rosemont for their consideration.

Regards,

Dale

---

Dale Ortman PE  
Consulting Engineer

(520) 896-2404 - Office  
(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233  
Oracle, AZ 85623

- M+A\_Cmmnts.memo.183101.RLH\_LC\_CS.20090121.FNL.pdf

**From:** "tom furgason, melissa reichard" <meetings@meetings.readytalk.com>  
**Sent:** Fri Jun 25 2010 20:48:39 EDT  
**To:** beverson@fs.fed.us  
**CC:**  
**Subject:** Meeting Invitation: US Army Corps of Engineers and Coronado National Forest Conference Call  
**Attachments:** eventpage\_body\_bg.gif;register-now-button.gif;eventHeaderImage.gif;poweredLogo.gif

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

[IMAGE]

## US Army Corps of Engineers and Coronado National Forest Conference Call

### Meeting Description:

All-

This conference call was originally scheduled by Marjorie Blaine and Mindee Roth to discuss the Rosemont Copper Project. An agenda will be sent later by the Coronado National Forest. There will be a Power Point presentation for part of the meeting. Therefore, SWCA has been asked to facilitate this through ReadyTalk.

Tom Furgason

Office Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ 85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

## Register for Event

### Date & Time

Date:

Thu, Jul 8, 2010

Time:

10:00 AM MST

Duration:

2 hours

Host(s):

Tom Furgason, Melissa Reichard

To opt-out of future email messages or to manage your email preferences please click [here](#) This email was sent to: beverson@fs.fed.us by Readytalk: 1598 Wynkoop Street Denver, Colorado 80202 USA

Powered by Readytalk

- poweredLogo.gif - eventHeaderImage.gif - register-now-button.gif - eventpage\_body\_bg.gif

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Jan 22 2009 13:42:57 EST  
**To:** beverley a everson/r3/usdafs@fsnotes;arthur s elek/r3/usdafs@fsnotes  
alan belauskas/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;christopher c  
leblanc/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli  
curiel/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;janet  
jones/r3/usdafs@fsnotes;john able/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mark e  
**CC:** schwab/r3/usdafs@fsnotes;mary m farrell/r3/usdafs@fsnotes;mriechar@swca.com;reta  
laford/r3/usdafs@fsnotes;robert lefevre/r3/usdafs@fsnotes roxane m raley/r3/usdafs;salek  
shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;shane lyman/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;kent c ellett/r3/usdafs@fsnotes  
**Subject:** Rosemont Issue Statement Review - help needed!!!!  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Team,

Work yesterday and last week by the Rosemont Core and Extended team on Issue Statement Review went very well and everyone involved accomplished a lot, especially in making sure they all understood what is needed in order to do a good review. However, there is still much work to be done within a short time frame. Because of that I am asking for your help, tomorrow and Monday, to complete the review and to begin describing cause and effect for significant issues. These meetings will be held in the SWCA conference room from 8:30 to 4:30 on both days.

Please RSVP to me and to Melissa Reichard (mreichard@swca.com) concerning whether or not you can attend one or both of the meetings. Melissa needs a head-count for the meeting space and arrangements.

Thank you!

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Fri Sep 04 2009 18:33:04 EDT  
**To:** kathy arnold <karnold@rosemontcopper.com>  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** RE: Fw: Meeting on Reclamation Plan  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Kathy,

At the Permeon meeting a couple of weeks ago, David told me that he and Joy would likely have something to present soon. Please let me know the status.

Also, earlier this summer you said you would look into options for removing or breaking up the uppermost benches in the pit at the end of mining operations (which would help mitigate visual impacts by breaking up the horizontal lines). SWCA did a quick elevation study recently and determined about 1000' vertical feet (or twenty 50-foot benches) would potentially be visible from Highway 83. Have you had a chance to explore what might be feasible?

Thanks.

Debby

Kathy Arnold <karnold@rosemontcopper.com>  
06/23/2009 02:53 PM

To  
Beverley A Everson <beverson@fs.fed.us>, Debby Kriegel <dkriegel@fs.fed.us>  
cc  
Jamie Sturgess <jsturgess@augustaresource.com>, "David.Krizek@tetrattech.com"  
<David.Krizek@tetrattech.com>, "Jamie.Joggerst@tetrattech.com" <Jamie.Joggerst@tetrattech.com>  
Subject  
RE: Fw: Meeting on Reclamation Plan

Bev –  
I forwarded Debby's request to David for an update and haven't heard back from him. We are going to have some internal meetings to discuss status and progress before the end of the month and I would like to see how those go before I push him too much. Let's have an informal discussion at the meeting on the

30th.

Cheers!  
Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | www.rosemontcopper.com

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From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, June 23, 2009 2:46 PM  
To: Debby Kriegel  
Cc: Kathy Arnold  
Subject: Re: Fw: Meeting on Reclamation Plan

Kathy, can you give Debby and I an update on what your thoughts are on the next meeting and scheduling? Thanks.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Debby Kriegel/R3/USDAFS  
06/17/2009 02:48 PM

To  
Kathy Arnold <karnold@rosemontcopper.com>  
cc  
Beverley A Everson/R3/USDAFS@FSNOTES  
Subject  
Fw: Meeting on Reclamation Plan

Hi Kathy,

Just wondering whether your team (Sage & Tetra Tech) are planning to meet with us sometime soon.

Please keep me posted. Thanks!

~~~~~  
Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

----- Forwarded by Debby Kriegel/R3/USDAFS on 06/17/2009 02:41 PM -----

Debby Kriegel/R3/USDAFS  
06/03/2009 11:23 AM

To  
Kathy Arnold <[karnold@rosemontcopper.com](mailto:karnold@rosemontcopper.com)>  
cc  
Beverley A Everson <[beverson@fs.fed.us](mailto:beverson@fs.fed.us)>, "Krizek, David" <[David.Krizek@tetrattech.com](mailto:David.Krizek@tetrattech.com)>, [mbidwell@swca.com](mailto:mbidwell@swca.com), Debby Kriegel/R3/USDAFS@FSNOTES  
Subject  
Re: Meeting on Reclamation PlanLink

Kathy,  
If your team isn't ready to present their work yet, then Meeting after the 15th will be fine.

My availability that week:  
Monday, June 15: available from 11 am until 3 pm.  
Tuesday, June 16: available only before 9 am (note: I'm usually in the office by 7)  
Wednesday, June 17: Bev can let you know if I will need to be at a core team meeting this day. If there's no meeting, I'd be available all day.  
Thursday and Friday, June 18 & 19: available any time.

At our meeting on May 7, Joy and David asked for evaluation criteria and affected environment input from SWCA for tomorrow's meeting. I'm reviewing Marcie Bidwell's draft evaluation criteria today, and hopefully she can send this to you within a day or so. The affected environment section is expected by the end of this month.

Thanks.

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

Kathy Arnold <[karnold@rosemontcopper.com](mailto:karnold@rosemontcopper.com)>  
06/03/2009 10:45 AM

To  
"dkriegel@fs.fed.us" <[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)>  
cc  
Beverley A Everson <[beverson@fs.fed.us](mailto:beverson@fs.fed.us)>, "Krizek, David" <[David.Krizek@tetrattech.com](mailto:David.Krizek@tetrattech.com)>  
Subject  
Meeting on Reclamation Plan

Debbie –

I spoke with David yesterday regarding a meeting on the Reclamation Plan items and based on the work that has been completed I think that we would be better off not meeting this week. I have forwarded your shape files to David for consideration and will chat with him either this afternoon or early next week. I propose that we review the possibility of meeting the week of the 15th so that some forward momentum will be made prior to sitting down for discussion as I understand you are unavailable next week.

Regards,  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
[karnold@rosemontcopper.com](mailto:karnold@rosemontcopper.com)

Rosemont Copper Company

P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Fri Jan 30 2009 06:01:08 EST  
**To:** ""beverley a everson" <beverson@fs.fed.us>;""salek shafiqullah" <sshafiqullah@fs.fed.us>;""stone, claudia" <cstone@srk.com>;""hoag, cori" <choag@srk.com>;""kathy arnold" <karnold@rosemontcopper.com>;""jim davis" <jdavis@elmontgomery.com>;""hale barter" <hbarter@elmontgomery.com>  
**CC:** ""tom furgason" <tfurgason@swca.com>;""melissa reichard" <mreichard@swca.com>  
**Subject:** Rosemont East Side Groundwater Technology Transfer Conference Calls  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The first of the scheduled East Side Groundwater Technology Transfer Conference Calls is set for Tuesday, February 3rd at 2:00 PM (Arizona Time). In order to streamline the process I want to substitute a simple conference call rather than using the Go to Meeting format. Also, I want to limit the participants to only those necessary to inform the various parties as to pertinent aspects of the ongoing work. The conference call process will be:

**Schedule:** 1st & 3rd Tuesday of each month

**Time:** 2:00 PM Arizona Time

**Invitees:** CNF – Bev Everson, Salek Shafiqullah, and CNF staff as necessary  
SRK – Claudia Stone and/or Cori Hoag and SRK staff as necessary  
Montgomery & Associates – Jim Davis and/or Hale Barter and Montgomery staff as necessary  
Rosemont – Kathy Arnold as she determines necessary  
SWCA – Dale Ortman, Tom Furgason, Melissa Reichard

**Process:** Conference Call Center Telephone Number: 866-866-2244  
Code: 9550668

Please confirm receipt of this e-mail.

If you have any questions contact me (contact information below) or Melissa Reichard (520-325-9194).

Regards,

Dale

---

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Feb 09 2009 11:23:03 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>; "dale ortman pe" <daleortmanpe@live.com>; <jdmacivor@frontiernet.com>; "john macivor" <jmacivor@swca.com>  
**CC:**  
**Subject:** FW: HR 699 The Hardrock Mining Law Bill  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

FYI.

From: Joseph Fluder  
Sent: Friday, February 06, 2009 10:18 PM  
To: Clive Mecham; Tom Euler; Christine Westerman; Tom Sankey; Heather Stettler; Kathy Lombardi; Tom Yoder; Mary Reents; Tom Furgason; Patricia Billig; Keith Pohs  
Subject: HR 699 The Hardrock Mining Law Bill

<http://www.nwma.org/pdf/HR%20699%20Hardrock%20Mining%20Law%20Reform%20Bill%202009.pdf>

Industry folks tell me that Rahall's bill is a non-starter and Harry Reid will ensure the hard rock mining industry does not get hurt. We will see. Environmentalists, lawmakers, and mining folks were all at the table about this draft legislation last fall until the enviro groups pulled out in hopes of getting more of what they wanted once the Obama administration was in place. We will see...

joseph j. fluder iii  
Office Director  
Natural Resources Program Director  
SWCA Environmental Consultants  
Albuquerque Office  
office: 505.254.1115/800.828.8499  
mobile: 505.263.5339

<http://www.swca.com>

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Feb 11 2009 15:08:17 EST  
**To:** "charles coyle" <ccoyle@swca.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>  
**Subject:** Scoping Report 3, Comment Disposition  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Charles,

Bev called and was inquired what our schedule was for delivering Scoping Report 3, Comment Disposition.

Tom

Program Director

SWCA Environmental Consultants

(520) 325-9194 Office

(520) 820-5178 Cell

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Tue Feb 03 2009 09:34:12 EST  
**To:** ""beverley a everson" <beverson@fs.fed.us>  
**CC:** ""salek shafiqullah" <sshafiqullah@fs.fed.us>; ""tom furgason" <tfurgason@swca.com>; ""melissa reichard" <mreichard@swca.com>  
**Subject:** Initial Feedback - West Side Groundwater & Geotechnical Meetings  
**Attachments:** Geotech\_Mtg\_SRKComments\_183101.cmb.20090129.FNL.pdf; Rosemont Westside Model Review Memo 2-2-09.PDF

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached are two memoranda summarizing the initial response of MWH to the information presented during the January 16th Technology Transfer meeting at the office of Errol L. Montgomery & Associates and SRK for the January 21st meeting at the SO's office . Please review and, if you agree, forward the memoranda to Rosemont for their consideration.

Regards,

Dale

---

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

- Rosemont Westside Model Review Memo 2-2-09.PDF -  
Geotech\_Mtg\_SRKComments\_183101.cmb.20090129.FNL.pdf

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Feb 11 2009 15:04:40 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>  
**CC:**  
**Subject:** FW: Action Requested: Internal Review Draft Scoping Report Letter of Direction  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

From: Tom Furgason  
Sent: Tuesday, February 10, 2009 5:00 PM  
To: Charles Coyle; 'Reta Laford'  
Cc: 'Beverley A Everson'; 'Teresa Ann Ciapusci'; 'John Able'; John MacIvor; Melissa Reichard  
Subject: RE: Action Requested: Internal Review Draft Scoping Report Letter of Direction

Reta,

Per your question in the following section"

"Theme of Comments

Provide an overview of the comments by category. Present this information with and without form letters included. Use complementary graphics such as a pie chart. Provide summary finding statements relative to the frequency a particular category and or subcategory was used. [??? Tom - Your draft presentation had two pie charts, what was the intended difference between the two?

The two similar pie charts in question dealt with percentage of comments received under each resource category. The first chart included the "Other" category and the second did not. The reason for this is that "Other" is not a true category, rather a composed of a number of smaller categories that didn't have an obvious resource category or is not a typical NEPA resource (e.g. electrical transmission). The "Other" category, by percentage received the second most comments (after Water); therefore, I felt that it skewed the top 10 ranking. This is why I included the second pie chart with "Other" removed.

Tom



**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Feb 10 2009 19:00:04 EST  
**To:** "charles coyle" <ccoyle@swca.com>; "reta laford" <rlafor@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "teresa ann ciapusci" <tciapusci@fs.fed.us>; "john able" <jable@fs.fed.us>; "john macivor" <jmacivor@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: Action Requested: Internal Review Draft Scoping Report Letter of Direction  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Reta,

Per your question in the following section"

"Theme of Comments

Provide an overview of the comments by category. Present this information with and without form letters included. Use complementary graphics such as a pie chart. Provide summary finding statements relative to the frequency a particular category and or subcategory was used. [??? Tom - Your draft presentation had two pie charts, what was the intended difference between the two?

The two similar pie charts in question dealt with percentage of comments received under each resource category. The first chart included the "Other" category and the second did not. The reason for this is that "Other" is not a true category, rather a composed of a number of smaller categories that didn't have an obvious resource category or is not a typical NEPA resource (e.g. electrical transmission). The "Other" category, by percentage received the second most comments (after Water); therefore, I felt that it skewed the top 10 ranking. This is why I included the second pie chart with "Other" removed.

Tom

From: Charles Coyle  
Sent: Tuesday, February 10, 2009 1:00 PM  
To: Reta Laford  
Cc: Beverley A Everson; Teresa Ann Ciapusci; John Able; Tom Furgason; John MacIvor; Melissa Reichard  
Subject: RE: Action Requested: Internal Review Draft Scoping Report Letter of Direction

Hi Reta,

I've read through the scoping direction and don't have any comments. Tom and I also discussed it and I believe he will be responding separately, particularly to your question regarding the two pie charts.

Thanks~

Charles

From: Reta Laford [mailto:rlaford@fs.fed.us]  
Sent: Wednesday, February 04, 2009 11:41 AM  
To: Tom Furgason; John MacIvor; Charles Coyle; Melissa Reichard  
Cc: Reta Laford; Beverley A Everson; Teresa Ann Ciapusci; John Able  
Subject: Action Requested: Internal Review Draft Scoping Report Letter of Direction

SWCA - ASAP please review the attached draft letter of direction for the scoping reports. Let me know if the direction is adequate or needs to be changed.

FS folks - Check that I accurately captured our previous discussions.

Reta Laford, DeputyForestSupervisor

USDAForestService, CoronadoNational Forest  
300 W Congress Street, Tucson, AZ85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)  
Fax: 520-388-8305  
Email: rlaford@fs.fed.us

-----

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Thu Feb 12 2009 12:53:21 EST  
**To:** mbidwell@swca.com  
**CC:** tfurgason@swca.com;beverley a everson/r3/usdafs@fsnotes;ccoyle@swca.com;debby kriegel/r3/usdafs@fsnotes  
**Subject:** Rosemont EIS - Visual Resources  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Marcie:

It was good to finally speak with you on the phone. Glad to hear that the change order is likely complete so you can get back to work on the project, and it's good to know that your schedule should be open to spend significant time on Rosemont for the next few months.

I'll look for your timeline/proposal on Thursday morning, and we'll discuss it at 10:00. Be sure to include:

1. Steps from my email dated November 5
2. Tasks from your December draft proposal, as well as my comments on this (sent to you via email on Dec 12)
3. Standard tasks for EISs (what you mentioned in an earlier voicemail message)
4. Coordination with Daniel Roth sometime soon
5. A meeting with biologists and hydrologists to brainstorm and discuss criteria for changing the shape of the waste rock and tailings piles. May I suggest a McHarg-type process, where you would get maps for the northern Santa Rita mountains showing archaeological sites, important wildlife areas, and visible areas, and overlay them to identify possible locations to pile tailings and waste rock that might minimize impacts to these resources?

You mentioned that you might want to review a reclamation plan for one of the mines the team visited last summer. Please let me know which one and I'll see if a plan is available.

I've been in touch with Dan Purvance at Goldcorp USA. Dan is a geologist with much experience in mine reclamation (including reshaping waste dumps and land sculpting). He is currently reviewing the Rosemont reclamation plan and hopefully will be able to direct us to one or more good examples of similar mine reclamation (ideally very large mines in climates similar to the Rosemont site). He mentioned some mines along the Colorado River and in southern California that might be good. I'll keep you posted, but don't wait for this information...you'll want to proceed with your research too.

Thanks!

Debby Kriegel, Forest Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Mon Feb 16 2009 10:03:41 EST  
**To:** ""beverley a everson" <beverson@fs.fed.us>;""salek shafiqullah" <sshafiqullah@fs.fed.us>;""roger d congdon" <rcongdon@fs.fed.us>;""rebecca a miller" <rebecca.a.miller@us.mwhglobal.com>;""toby leeson" <toby.leeson@us.mwhglobal.com>;""jim davis" <jdavis@elmontgomery.com>;"hale barter" <hbarter@elmontgomery.com>;""charles coyle" <ccoyle@swca.com>;""tom furgason" <tfurgason@swca.com>;""melissa reichard" <mreichard@swca.com>  
**CC:**  
**Subject:** Rosemont West Side Conference Call Agenda - 2/17/09  
**Attachments:**  
  
**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

## West Side Groundwater Conference Call Agenda

Time: 12:30 PM (Arizona Time)

Date: 2/17/09

Conf. Call Number: 866-866-2244

Code: 9550668#

### Agenda:

1. Attendee Introduction – Each attendee to announce their name so Melissa can get a role for the Admin Record
2. SWCA Input – SWCA representative to give any pertinent input and follow-up from last conference call
3. Montgomery & Associates Update– Montgomery representative to give progress update and any other pertinent information
4. MWH Input – MWH representative to give any pertinent input
5. CNF Input – CNF representative to give any pertinent input
6. Open Discussion
7. Action Items

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Thu May 07 2009 17:27:25 EDT  
**To:** jlyndes@sagelandscape.com;kavid.krizek@tetrattech.com;beverley a  
everson/r3/usdafs@fsnotes;turgason@swca.com;mbidwell@swca.com;salek shafiqullah/r3/usdafs@fsnotes  
**CC:** debby kriegel/r3/usdafs@fsnotes  
**Subject:** Rosemont - Action Items from May 7 meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Action items from the flipchart at today's meeting:

1. Meeting in 3 weeks (tentative date = morning of June 4th)

Progress meeting

Sage & Tetra Tech to provide modified proposed action: stormwater, reclamation plan, and visual work

USFS will provide Feedback

Sage will provide examples of other simulation projects

2. SWCA will provide Tetra Tech and Sage with (1) KOP GPS points ASAP, and (2) Evaluation Criteria and Affected Environment in 3 weeks

3. Tetra Tech will provide the USFS (Salek) and SWCA with new survey topo (2' contours) and oblique aerial photos by May 15

4. USFS will provide Tetra Tech and Sage with Concern Level 1 & 2 travelways by May 15

5. USFS will provide desired condition for project area by May 15

Thanks everyone!

Tom: Please forward this to Dale...I don't have his email address.

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

Tetra Tech figure- follow up

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Thu Sep 10 2009 12:45:08 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>; "lara mitchell" <lmitchell@swca.com>  
**Subject:** Tetra Tech figure- follow up  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

Can we get your go ahead to contact Rosemont or TetraTech directly to obtain any GIS files necessary?

Please let us know as soon as possible.

Thanks!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From:Lara Mitchell  
Sent: Thursday, September 10, 2009 9:08 AM  
To: Melissa Reichard  
Cc: Tom Furgason; Charles Coyle  
Subject: RE: Tetra Tech figure

Hi Melissa

Have you been able to get in touch with anyone regarding this CAD file? We would like to be able to get these geology figures finished. Please let me know where we are at with this.

Thanks

Lara

From:Melissa Reichard  
Sent: Thursday, August 20, 2009 10:52 AM

To: beverson@fs.fed.us  
Cc: Tom Furgason; Melinda D Roth; Lara Mitchell  
Subject: FW: Tetra Tech figure

Bev-

Could you ask Rosemont for this? Is this something you are comfortable with me contacting Kathy directly?

Thanks!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From:Lara Mitchell  
Sent: Thursday, August 20, 2009 10:50 AM  
To: Tom Furgason; Melissa Reichard  
Subject: Tetra Tech figure

Hi

Ryan Rausch has a Geology map he would like to use, it is from Tetra Tech (see attached). I only have it in pdf. It would be easier if I could get the CAD file from Tetra Tech, I don't see that we already have it. Let me know.

Thanks

Lara



**From:** salek shafiqullah/r3/usdafs;nsf;sshafiqullah@fs.fed.us;smtp  
**Sent:** Fri Feb 20 2009 18:01:05 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** reta laford/r3/usdafs@fsnotes  
**Subject:** Re: Rosemont Core IDT meeting tomorrow  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Bev,

Myself and the core team was instructed (by you and Reta) to attend the 1900-1 training in PHX the week of March 2nd which includes the March 4th meeting you mention below. I was under the assumption that you Bev, as well as the rest of the core team, were also attending the 1900-1 with me. Are you and the rest of the core team not attending this training? According to my calendar there appears to be a conflict.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

Beverley A Everson/R3/USDAFS  
02/20/2009 03:38 PM

To

Beverley A Everson/R3/USDAFS@FSNOTES, Reta Laford/R3/USDAFS@FSNOTES

cc

Alan Belauskas/R3/USDAFS@FSNOTES, Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com, Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES, Heidi Schewel/R3/USDAFS@FSNOTES, Janet Jones/R3/USDAFS@FSNOTES, John Able/R3/USDAFS@FSNOTES, Keith L Graves/R3/USDAFS@FSNOTES, Kendall Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mriechar@SWCA.com, Reta Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, Salek Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami Emmett/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES

Subject

Re: Rosemont Core IDT meeting tomorrow

Hi Everyone,

This is to notify you, both core and extended team, of a few different items, as follows:

Update on the analysis, and the work that the team has completed - the team worked VERY hard at the

end of last month to complete the review of the issue themes that SWCA wrote, and to make determinations as to which of the themes were issues vs. non-issues and which of the issues were significant. This week part of the team returned to document their reasoning for the determinations, and again did some awesome work. In some of the documentation however, specialist expertise was required, thus a few of us (me included) will have homework assignments to help with the documentation prior to the next IDT meeting on March 4. I will be sending out those assignments to you shortly, and will be asking for completion of the assignments by February 27th. Note that I'm giving you this deadline so that I have a chance to look over the documentation prior to our next meeting. I think you'll find they what's being asked of you can be completed in a very short time.

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The March 4 meeting will be mandatory for the core team. Extended team members will be warmly welcomed to the meeting also! Please plan to attend if you can fit it into your busy schedules.

One last note to the team; I will be on leave from March 5 through March 23, and Kent Ellett will be filling in as team leader, with Reta and Teresa Ann's support. Please feel free to contact me at any time before the 5th if there is project business that you need to discuss.

Thank you for your diligence in your work on this project, and for the great teamwork and enthusiasm you've shown.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Beverley A Everson/R3/USDAFS  
02/17/2009 12:30 PM

To

Beverley A Everson/R3/USDAFS

cc

Alan Belauskas/R3/USDAFS@FSNOTES, Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com, Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES, Heidi Schewel/R3/USDAFS@FSNOTES, Janet Jones/R3/USDAFS@FSNOTES, John Able/R3/USDAFS@FSNOTES, Keith L Graves/R3/USDAFS@FSNOTES, Kendall Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mriechar@SWCA.com, Reta Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, Salek Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami Emmett/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES

Subject

Rosemont Core IDT meeting tomorrow

Hi Everyone,

This is to confirm that we will be having an IDT meeting tomorrow. The core team should have this day obligated for the meeting; for the extended team the meeting is optional, but please attend if your schedule allows.

In our meetings a couple of weeks ago, we determined that some potential issues were not issues at all, and others were not significant issues. Tomorrow we're going to refine our reasoning and expand on our documentation for these determinations.

We'll meet in 6V6 from 9:00 to 4:30, with a break for lunch.

Please bring the binders that you received at the Sept. 10 kick-off meeting.

Thanks.

Bev

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Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Feb 20 2009 17:38:23 EST  
**To:** beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
alan belauskas/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;arthur s  
elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby  
kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george  
mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;john  
**CC:** able/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c  
ellett/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mary m  
farrell/r3/usdafs@fsnotes;mriecharl@swca.com;reta laford/r3/usdafs@fsnotes;robert  
lefevre/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;teresa ann ciapucci/r3/usdafs@fsnotes;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Re: Rosemont Core IDT meeting tomorrow  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Everyone,

This is to notify you, both core and extended team, of a few different items, as follows:

Update on the analysis, and the work that the team has completed - the team worked VERY hard at the end of last month to complete the review of the issue themes that SWCA wrote, and to make determinations as to which of the themes were issues vs. non-issues and which of the issues were significant. This week part of the team returned to document their reasoning for the determinations, and again did some awesome work. In some of the documentation however, specialist expertise was required, thus a few of us (me included) will have homework assignments to help with the documentation prior to the next IDT meeting on March 4. I will be sending out those assignments to you shortly, and will be asking for completion of the assignments by February 27th. Note that I'm giving you this deadline so that I have a chance to look over the documentation prior to our next meeting. I think you'll find they what's being asked of you can be completed in a very short time.

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Bev

Beverley A. Everson  
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Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Beverley A Everson/R3/USDAFS  
02/17/2009 12:30 PM

To  
Beverley A Everson/R3/USDAFS

cc

Alan Belauskas/R3/USDAFS@FSNOTES, Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com, Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES, Heidi Schewel/R3/USDAFS@FSNOTES, Janet Jones/R3/USDAFS@FSNOTES, John Able/R3/USDAFS@FSNOTES, Keith L Graves/R3/USDAFS@FSNOTES, Kendall Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mriechar@SWCA.com, Reta Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, Salek Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami Emmett/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES

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Thanks.

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Voice: 520-388-8428

Fax: 520-388-8305

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smt  
**Sent:** Thu Feb 19 2009 12:27:09 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** debby kriegel/r3/usdafs@fsnotes  
**Subject:** Rosemont - Wilderness Issue Statement  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

At yesterday's meeting the ID team reviewed the wilderness issue statement and there was some good discussion. Although there are no wildernesses in the project area, the proposed mine could potentially have some effects on the nearby wildernesses (including Mount Wrightson and possibly even Rincon Mountain), and the Forest's wilderness evaluation process has identified a potential wilderness in the north end of the Santa Ritas. The team's gut feeling that this theme ought to be kept as an issue for now, but we weren't entirely sure how to fill out the screening criteria or how to document rationale because there is no FS ID team member with a strong background in Wilderness.

Tomorrow I will sit down with Laura White to review the issue statement and the screening/rationale for this theme, but what I recommend that you try to identify someone with SWCA who has expertise in wilderness. Our FS wilderness experts are not available as team members (both are on details), but would hopefully have time to review SWCA's work.

The SWCA wilderness person should be knowledgeable with wilderness legislation, federal/FS wilderness directives, and evaluating wilderness impacts.

Thanks.

Debby

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Mon Feb 23 2009 14:59:20 EST  
**To:** "philip murphy" <philip.murphy@infoharvest.com>  
"john able" <jable@fs.fed.us>; "charles coyle" <ccoyle@swca.com>; "tom furgason"  
**CC:** <tfurgason@swca.com>; "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "teresa  
ann ciapusci" <tciapusci@fs.fed.us>  
**Subject:** First set of scans  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Philip-

Per John's request, I have sent the first set of scans out in the mail today. The CD contains the first 1200 comment submissions. I have all of the attachments scanned separate from the submission letters. Do you need the attachments at all? If so, we will need to decide whether it is necessary for the attachments to be attached to the submission letter on our end. Beyond this first set, would you like the remainder sent to you in one large mailing or piecemeal? From what I understand, you will be speaking with John Able this week. Please discuss these items with him. I will need the Forest Service to direct me on what and when they need items delivered to you.

Thank you,

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Mon Feb 23 2009 17:53:10 EST  
**To:** "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**CC:** "reta laford" <rlaford@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** Canned Statements  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

TA-

I am working on my drafts to complete the paper trail on Non-issues and NOT Significant themes. Do you have your canned statements yet? If not, would you like me to skip those or draft the rest of the rationale and put a field in for that?

Let me know. I hope you had a nice day off on Friday.

Melissa Reichard

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**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Thu Feb 19 2009 13:52:04 EST  
**To:** beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**CC:** debby kriegel/r3/usdafs@fsnotes  
**Subject:** Rosemont & Visual Resources  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

After talking with Marcie this morning, I am growing ever more concerned about progress on the visual resource work needed for the Rosemont EIS.

I have been asking Marcie for a complete proposal (with all tasks and a schedule) for visual resource analysis for months. As you know, in early November I provided her with an email describing the basic steps that I recommend, and she provided her ideas to me in early December. I immediately gave her comments on her ideas and asked her to combine our two documents and add a schedule, but apparently she simply added estimated costs to her ideas and forwarded this to Rosemont without my input. She just called to tell me that the change order to Rosemont's contract has been processed, but it only approves the first relatively easy ideas that she proposed and doesn't include any of the big stuff (like exploring options for the waste rock pile).

Additionally, Marcie is now telling me that the FS needs to approach Rosemont to tell them what visual quality work is needed. This seems very weird, and would still require the proposal that I still don't have.

I'm worried that:

1. SWCA still is not performing (they haven't even provided an acceptable proposal, much less any actual products).
2. Without a proposal with a schedule, there is no way to determine whether the visual resource tasks work fit with the EIS timeline.
3. Rosemont is probably still not aware of what the FS expects for visual quality work. The proposal would help, and I've been asking for a meeting with Daniel Roth for months.
4. Because of the above, the needed visual quality work may appear to Rosemont to come out of left field at the 11th hour, which might make the FS look bad and/or give them a reason to argue.

Please let me know if you have suggestions.

RE: First set of scans

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Mon Feb 23 2009 16:24:14 EST  
**To:** "philip murphy" <philip.murphy@infoharvest.com>  
"john able" <jable@fs.fed.us>; "charles coyle" <ccoyle@swca.com>; "tom furgason"  
**CC:** <tfurgason@swca.com>; "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**Subject:** RE: First set of scans  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Philip-

I appreciate your quick response. I also appreciate your consideration for the amount of work happening on our side of this project! As far as the attachments go, each of those files were attached to the appropriate comment code within the submission, so there wouldn't be duplicate work beyond what has already been done. The other item that I should mention is the "Form Letters". Those were scanned once- i.e. Form Letter 1 Master. I am assuming that you intend to connect those to the online database as well. I will leave it to John to decide what I should send you next. I do have electronic files already for the Form Letters and Attachments, so please also discuss that with John. I look forward to his direction and will keep you notified of packages to expect.

Thanks!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Philip Murphy [mailto:Philip.Murphy@InfoHarvest.com]  
Sent: Monday, February 23, 2009 1:38 PM  
To: Melissa Reichard  
Cc: 'John Able'; Charles Coyle; Tom Furgason; 'Beverley A Everson'; 'Reta Laford'; 'Teresa Ann Ciapusci'  
Subject: RE: First set of scans

Melissa,

That is great news about the first 1200 comment submissions.

Getting those will allow us to get started on the full build, so we'll be watching for the mailman.

Many thanks!

On transferring the remainder of the scans of the submissions, it would be great for us if you finish them all, then burn them all (including the first 1200) onto a CD(s) so we have a clean set of all of them.

Good question on the attachments to submissions. From my notes on our conversations, the name of the attachment scan is always constructed as follows:

Image File Name = SubmissionID\_CommentNum\_ResourceCategory\_ResourceCode.PDF (see above)?

And I believe there is only ever one attachment file (no matter how long) per comment entry in the DB?

If that is correct, then if you can provide those separate PDF scans of the Attachments that would be perfect, and easy for me to code so that they would be retrieved along with the Submission image (or at least we would bring up the image of the submission and offer the reader the option of bringing up the image of the attachment(s).)

[But while that works great for me, I imagine there would be some repetitive scanning on your side – e.g., the same attachment file referenced from multiple comments. If there is some way you can think of that would reduce the scanning work load on your side, I'm open to all suggestions.]

And yes, I will be talking with John on Wednesday, so getting your thoughts prior to then would be really helpful.

Philip

-----  
Philip Murphy, Ph.D.

InfoHarvest Inc.

<http://www.InfoHarvest.com>

Direct & Mobile 206-251-3732

Skype PhilipMurphy\_InfoHarvest

RE: First set of scans

From: Melissa Reichard[mailto:mreichard@swca.com]

Sent: Monday, February 23, 2009 11:59 AM

To: Philip Murphy

Cc: John Able; Charles Coyle; Tom Furgason; Beverley A Everson; Reta Laford; Teresa Ann Ciapusci

Subject: First set of scans

Philip-

Per John's request, I have sent the first set of scans out in the mail today. The CD contains the first 1200 comment submissions. I have all of the attachments scanned separate from the submission letters. Do you need the attachments at all? If so, we will need to decide whether it is necessary for the attachments to be attached to the submission letter on our end. Beyond this first set, would you like the remainder sent to you in one large mailing or piecemeal? From what I understand, you will be speaking with John Able this week. Please discuss these items with him. I will need the Forest Service to direct me on what and when they need items delivered to you.

Thank you,

Melissa Reichard

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**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Feb 24 2009 18:06:51 EST  
**To:** "reta laford" <rlaford@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "tom furgason" <tfurgason@swca.com>; "teresa ann ciapusci" <tciapusci@fs.fed.us>; "charles coyle" <ccoyle@swca.com>  
**CC:** "john able" <jable@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Release of scans to Philip  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

John and I just had a conversation about what and when to release electronic files to Philip. First, he gave permission for SWCA to scan comments with the clam clip still on the document, providing text is not obscured. Also, I am to send Philip on a weekly basis the scans that have been completed along with a final package of all comment submissions when completed. With this Friday's mailing, I will also be sending Philip the Form Letters and all attachments to the submissions.

John- You missed the meeting when it was decided that, in order to keep everyone in the loop, we would email the group after having conversations including pertinent information, instruction or direction.

Thanks all!

Melissa Reichard

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## Comment Disposition of Potential Issues Worksheet 2 Significance Screening

This worksheet is intended to consider all processed comments representing a particular Category and Theme that were determined to be potential issues on Worksheet 1 and screen for NEPA Significance.

|                             |                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Theme#</b><br><b>101</b> | <i>If "yes" on ALL of the below, it is Significant- please complete Worksheet 3<br/>If "no" on ANY of the below, it is Not Significant- please complete Worksheet 4</i> |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Team Member(s):** Everson, Keyes, Lefevre, Sebesta, Davis, Shafiqullah, Elek, Kriegel

| <b>Consideration:</b>                                                                                                                        | <b>Determination</b>                                                   | <b>Rationale</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------|
| Is the issue relevant to the decision to be made?                                                                                            | <input type="checkbox"/> No<br><input checked="" type="checkbox"/> Yes |                  |
| Do existing laws, regulations or policies allow for discretion in decision to be made?                                                       | <input type="checkbox"/> No<br><input checked="" type="checkbox"/> Yes |                  |
| Is the issue supported by scientific evidence and/or can it be analyzed?<br>i.e. The nature of this issue is not conjectural or speculative. | <input type="checkbox"/> No<br><input checked="" type="checkbox"/> Yes |                  |

## Comment Disposition of Potential Issues Worksheet 1

This worksheet is intended to consider all processed comments representing a particular Category and Theme to assess whether the comment represents an Issue or Non Issue.

|                         |                                |                                                                          |
|-------------------------|--------------------------------|--------------------------------------------------------------------------|
| <b>Date:</b><br>1/28/09 | <b>Category:</b><br>Wilderness | <b>Comment # &amp; Theme:</b><br>101. Loss of Wilderness Characteristics |
|-------------------------|--------------------------------|--------------------------------------------------------------------------|

**Team Member(s):** Everson, Keyes, Lefevre, Sebesta, Davis, Shafiqullah, Elek, Kriegel

**Theme Statement:**

The construction and operation an open-pit copper mine may result in the restriction, disturbance, or direct loss of wilderness qualities in the Santa Rita Mountains for a broad cross-section of local residents and visiting tourists. This also includes the potential for:

- A reduction the amount of open space available for wilderness activities;
- The disturbance of environmentally sensitive land;
- The disturbance of nearby wilderness areas, including the Las Cienegas National Conservation Area and the Mt. Wrightson Wilderness.

Worksheet 1 (cont.)

|                                  |                                                                                                             |                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Theme #<br/>101</b>           | <b>Team Member(s):<br/>Everson, Keyes, Lefevre, Sebesta, Davis, Shafiqullah, Elek, Kriegel</b>              |                                                                                                                                                                                                                                                                                                                      |
| <b>Issue Screening Questions</b> | 1. Is the statement within the scope of the proposed action?                                                | <input type="checkbox"/> No -This comment theme does not need to be considered further. Document this on cover sheet.<br><br><input checked="" type="checkbox"/> Yes – This comment theme may be an issue that needs to be considered further. Continue screening using questions 2 and 3 below.                     |
|                                  | 2. Is the statement a point of disagreement, debate, or dispute about the Proposed Action based on effects? | <input type="checkbox"/> No<br><br><input checked="" type="checkbox"/> Yes- This comment theme may be an issue that needs to be considered further. Continue screening using question 3 below and complete Significance screening on Worksheet 2.                                                                    |
|                                  | 3. Does the statement establish a cause and effect relationship of effects to the Proposed Action?          | <input type="checkbox"/> No -This comment theme does not need to be considered further. Document this on cover sheet.<br><br><input checked="" type="checkbox"/> Yes- This comment theme may be an issue that needs to be considered further. Continue screening and complete Significance screening on Worksheet 2. |

Document rationale or notes here:

The area of the Proposed Action is not a Wilderness area but it may be effects. Las Cienegas is not a Wilderness. The Forest Service is currently evaluating potential Wilderness areas in the Santa Ritas.

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Fri Feb 20 2009 12:35:05 EST  
**To:** "melissa reichard" <mreichard@swca.com>;beverley a everson/r3/usdafs@fsnotes  
**CC:** deborah k sebesta/r3/usdafs@fsnotes;robert lefevre/r3/usdafs@fsnotes;laura white/r3/usdafs@fsnotes;celeste a gordon/r3/usdafs@fsnotes  
**Subject:** Rosemont - Wilderness Issue Statement  
**Attachments:** Theme 101 Worksheet 2 E-VERSION 012109.doc;Theme 101\_wksht 1.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I just met with Laura White. She read through the draft wilderness theme statement and looked over the screening criteria. She agrees that this should be carried forward as an issue for now, and that based on worksheet 2 it qualifies as a significant issue. Once there is a revised issue statement document we need to have her re-read this theme and wordsmith a bit.

Here are some comments:

1. On the worksheet 1 document notes, please re-word the first sentence to read "The area of the Proposed Action is not within a Wilderness area, but there may be effects" and add 2 sentences "Consider also potential effects to Rincon Mountain Wilderness." and "Analyze visibility of proposed project from wilderness, air quality, noise, and wilderness/trail access."
2. Should possible effects to Las Cienegas NCA be moved into another theme (maybe Wildlife)? Debbie: does this sound logical?
3. On worksheet 2, second question, add to the rationale box "FSM 2320 has some direction for air quality, etc."

Bob: Is Rincon Mountain Wilderness is in a class 1 airshed? If so, please let Melissa know that she should mention this in the notes.

Thanks.

"Melissa Reichard" <mreichard@swca.com>  
02/20/2009 09:10 AM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>  
cc

Subject  
Wilderness screening

Debby-

I had something unexpected come up yesterday that took me out of the office. I just got your message. I hope this takes care of it in time. Let me know if you need anything else. I will be in all day today.  
Thanks!

Melissa Reichard  
Project Administrator  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
(520)325-9194, (520)325-2033 fax

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**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Thu Sep 10 2009 14:30:59 EDT  
**To:** kathy arnold <karnold@rosemontcopper.com>  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** RE: Fw: Meeting on Reclamation Plan  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Kathy,

Please keep me posted on the meeting date.

In the proposed action, the waste rock and tailings pile blocks most of the pit view from Hwy 83. However, this is not true in the draft alternatives. A while back, I had a thought that removing the ridge might be less of a visual impact than seeing the back of the pit, and SWCA did a cross section from Hwy 83 to see what would need to be removed to accomplish this. If I'm remembering correctly, there was about 1000' of vertical back edge of the pit that would have to be removed, which convinced me that removing the ridge wasn't a good idea. Even if it's only 500', that is still a bunch of benches. Therefore, we need your input on what is possible to break up a bunch of benches, not just a couple of them.

Thank you!

Debby

Kathy Arnold <karnold@rosemontcopper.com>  
09/10/2009 08:04 AM

To  
Debby Kriegel <dkriegel@fs.fed.us>  
cc  
Beverley A Everson <beverson@fs.fed.us>, "Krizek, David" <David.Krizek@tetrattech.com>  
Subject  
RE: Fw: Meeting on Reclamation Plan

Debby –  
Sorry for the delay, I was waiting for some additional information from David. Right now they are trying to schedule a meeting on water management – this should happen the week of the 21st sometime. Once they have that meeting, then the reclamation plans and meetings should follow right behind, an integrated part

of the reclamation is water management so it is a chicken and egg thing.

As to the benches on the pit, I am not sure where you are seeing 1000' vertical feet, our line of site analysis shows approximately 50-100' at closure and at year 10 approximately 500'. So in order to fully answer your question I need more information. For one or two benches, we can do some work however for more than that we need to consider stability and other issues so we need to discuss more.

Finally, I have not received additional information from Permeon regarding updated information, lab data, etc.

Cheers!  
Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

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From: Debby Kriegel [mailto:dkriegel@fs.fed.us]  
Sent: Friday, September 04, 2009 3:33 PM  
To: Kathy Arnold  
Cc: Beverley A Everson  
Subject: RE: Fw: Meeting on Reclamation Plan

Kathy,

At the Permeon meeting a couple of weeks ago, David told me that he and Joy would likely have something to present soon. Please let me know the status.

Also, earlier this summer you said you would look into options for removing or breaking up the uppermost benches in the pit at the end of mining operations (which would help mitigate visual impacts by breaking up the horizontal lines). SWCA did a quick elevation study recently and determined about 1000' vertical feet (or twenty 50-foot benches) would potentially be visible from Highway 83. Have you had a chance to explore what might be feasible?

Thanks.

Debby

Kathy Arnold <karnold@rosemontcopper.com>  
06/23/2009 02:53 PM

To  
Beverley A Everson <beverson@fs.fed.us>, Debby Kriegel <dkriegel@fs.fed.us>  
cc  
Jamie Sturgess <jsturgess@augustaresource.com>, "David.Krizek@tetrattech.com"  
<David.Krizek@tetrattech.com>, "Jamie.Joggerst@tetrattech.com" <Jamie.Joggerst@tetrattech.com>  
Subject  
RE: Fw: Meeting on Reclamation Plan

Bev –  
I forwarded Debby's request to David for an update and haven't heard back from him. We are going to have some internal meetings to discuss status and progress before the end of the month and I would like to see how those go before I push him too much. Let's have an informal discussion at the meeting on the 30th.

Cheers!  
Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

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From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, June 23, 2009 2:46 PM  
To: Debby Kriegel  
Cc: Kathy Arnold  
Subject: Re: Fw: Meeting on Reclamation Plan

Kathy, can you give Debby and I an update on what your thoughts are on the next meeting and scheduling? Thanks.

Beverley A. Everson  
Forest Geologist

Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Debby Kriegel/R3/USDAFS  
06/17/2009 02:48 PM

To  
Kathy Arnold <karnold@rosemontcopper.com>  
cc  
Beverly A Everson/R3/USDAFS@FSNOTES  
Subject  
Fw: Meeting on Reclamation Plan

Hi Kathy,

Just wondering whether your team (Sage & Tetra Tech) are planning to meet with us sometime soon.

Please keep me posted. Thanks!

~~~~~  
Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

----- Forwarded by Debby Kriegel/R3/USDAFS on 06/17/2009 02:41 PM -----

Debby Kriegel/R3/USDAFS  
06/03/2009 11:23 AM

To  
Kathy Arnold <karnold@rosemontcopper.com>  
cc  
Beverley A Everson <beverson@fs.fed.us>, "Krizek, David" <David.Krizek@tetrattech.com>, mbidwell@swca.com, Debby Kriegel/R3/USDAFS@FSNOTES  
Subject  
Re: Meeting on Reclamation PlanLink

Kathy,  
  
If your team isn't ready to present their work yet, then Meeting after the 15th will be fine.

My availability that week:  
Monday, June 15: available from 11 am until 3 pm.  
Tuesday, June 16: available only before 9 am (note: I'm usually in the office by 7)  
Wednesday, June 17: Bev can let you know if I will need to be at a core team meeting this day. If there's no meeting, I'd be available all day.  
Thursday and Friday, June 18 & 19: available any time.

At our meeting on May 7, Joy and David asked for evaluation criteria and affected environment input from SWCA for tomorrow's meeting. I'm reviewing Marcie Bidwell's draft evaluation criteria today, and hopefully she can send this to you within a day or so. The affected environment section is expected by the end of this month.

Thanks.  
  
Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

Kathy Arnold <karnold@rosemontcopper.com>  
06/03/2009 10:45 AM

To  
"dkriegel@fs.fed.us" <dkriegel@fs.fed.us>  
CC  
Beverley A Everson <beverson@fs.fed.us>, "Krizek, David" <David.Krizek@tetrattech.com>  
Subject  
Meeting on Reclamation Plan

Debbie –

I spoke with David yesterday regarding a meeting on the Reclamation Plan items and based on the work that has been completed I think that we would be better off not meeting this week. I have forwarded your shape files to David for consideration and will chat with him either this afternoon or early next week. I propose that we review the possibility of meeting the week of the 15th so that some forward momentum will be made prior to sitting down for discussion as I understand you are unavailable next week.

Regards,  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

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**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Thu Feb 26 2009 13:00:40 EST  
**To:** "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>; "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlafor@fs.fed.us>  
**Subject:** Official Direction & Guidance Binder  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

TA-

I know you will be out for a bit, but I was hoping to get together when you get back. I started compiling an official guidance binder as well and want to be sure that ours match. Let me know when it would work for you to squeeze about a half hour in.

I can't wait to see your new & improved eyes!

Thanks!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Feb 25 2009 14:02:15 EST  
**To:** "teresa ann ciapusci" <tciapusci@fs.fed.us>  
"beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "charles coyle"  
**CC:** <cchoyle@swca.com>; "jeff connell" <jconnell@swca.com>; "ken houser" <khouser@swca.com>; "melissa reichard"  
<mreichard@swca.com>  
**Subject:** Monthly Tracking Sheet process rev\_TF.xls  
**Attachments:** Monthly Tracking Sheet process rev\_TF.xls

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Teresa Ann,

Attached is the monthly tracking sheet for your review. You'll probably note a fair amount of progress on Chapter 3 despite SWCA not having recieved the majority of baseline technical reports from Rosemont. This progress reflects work that we have done internally on archaeology and biology. It also reflects the work that our specialists have done to prepare the cause and effect statements. It is my impression that Jaime does not understand the level of effort that this entails. As Reta pointed out yesterday, much of this work will give us a head start on Chapter 3 so we should take credit where it is due. I have a phone conference from 1:00 to around 1:45 today. Otherwise, I'll be available to discuss this with you.

Tom - Monthly Tracking Sheet process rev\_TF.xls

RE: information for Kent Ellett

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Thu Feb 26 2009 13:44:53 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "tom furgason" <tfurgason@swca.com>  
**Subject:** RE: information for Kent Ellett  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

I have not been invited to tomorrow's meeting. I believe you can expect Tom, Charles and Jeff tomorrow. I will send a binder with them.

Thanks!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, February 26, 2009 11:20 AM  
To: Melissa Reichard  
Subject: information for Kent Ellett

Hi Melissa,

Kent Ellett needs a copy of the Rosemont project September 10 kick-off meeting binder. Can you bring a copy to the status meeting tomorrow?

See you then.

Bev

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

RE: information for Kent Ellett

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Fri Feb 27 2009 16:02:54 EST  
**To:** "john able" <jable@fs.fed.us>  
"charles coyle" <ccoyle@swca.com>; "reta laford" <rlaford@fs.fed.us>; "tom furgason"  
**CC:** <tfurgason@swca.com>; "teresa ann ciapusci" <tciapusci@fs.fed.us>; "beverley a everson"  
<beverson@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Rosemont AR scans  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Per our conversation earlier, we will be scanning the comment submissions except all the form letters and signature pages unless otherwise notified.

After we send the files to Philip, we will address those exceptions according to the AR direction, still pending.

Thanks for your time!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

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www.swca.com

February 25, 2009

Mr. Jamie Sturgess  
Augusta Resource Corporation  
4500 Cherry Creek South Drive  
Denver, CO 80246-1548

**RE: CONTRACT MODIFICATION FOR YEAR 2009 SERVICES RELATING TO THE  
ROSEMONT COPPER PROJECT ENVIRONMENTAL IMPACT STATEMENT (EIS)**

Dear Jamie:

Enclosed please find a scope of work and estimated cost for the Rosemont Copper Project for 2009. This scope represents our best estimate at this time to complete the DEIS and is based on the Memorandum of Understanding (MOU) and amendment dated September 25, 2008 between Rosemont Copper Company (RCC) and the Coronado National Forest (CNF). This scope of work provides only estimated costs at this time because the CNF has not formally identified issues or alternatives. We have also identified assumptions we are using to develop the estimated cost. In the event the assumptions change, we will inform you immediately and discuss a course of action, including a potential change order.

The scope of work includes some tasks that are almost completed, such as Scoping and Cultural Resource surveys (Class III pedestrian), as well as tasks yet to begin. This additional scope of work is divided into ten (10) separate tasks.

We have also developed the attached tracking schedule, consistent with the timeline in the amended MOU, that we will submit to the CNF so that they can provide it to RCC at your monthly status meetings. Please contact me with any questions you may have.

Sincerely,

Ken Houser  
Managing Principal

cc: C. Coyle, SWCA  
Project file 11204.01, Task 1

Attachments

# **SCOPE OF WORK FOR SERVICES PROVIDED IN 2009 IN SUPPORT OF THE ROSEMONT COPPER PROJECT EIS**

## **TASK 1: PROJECT MANAGEMENT**

**OBJECTIVE:** To manage the quality and schedule of the overall Environmental Impact Statement (EIS) project; define project teams; identify goals and milestones; and outline SWCA and Forest Service responsibilities, reporting procedures, communication plans, and information gathering responsibilities.

### **Task 1.1: Weekly Project Status Meetings**

SWCA will coordinate weekly with the USFS to maintain tight control of the project's schedule, strategic direction and progress through the use of a Project Core Team (PCT). The PCT meetings, which may also be conference calls, will serve to maintain the project's focus and a realistic schedule. Meeting topics will include a discussion of current tasks, progress, and direction. Key issues or anticipated issues that have the potential to affect the schedule will also be discussed. The PCT will consist of the Forest Service Project Manager and ID Team Leaders and the SWCA Project Manager and/or Assistant Project Manager. Other key Team members will be invited as appropriate for each meeting/conference call to discuss specific project issues.

#### Assumptions:

- No more than 44 weekly meetings in 2009 with two SWCA staff attending.

### **Task 1.2: Proponent Status Meetings**

Monthly meetings will be attended with Rosemont Copper Company (RCC), USFS, and SWCA throughout the EIS process. Meetings will be held in person to discuss progress and resolve data requests. It is anticipated that all meetings will occur at the Forest Supervisor's Office in Tucson Arizona.

#### Assumptions:

- 10 monthly meetings with two SWCA staff attending.

### **Task 1.3: Cooperating Agency Meetings**

SWCA will be available to attend meetings with cooperating agencies that participate in the EIS process. Early coordination with agencies will ensure valuable input as the process evolves. We assume up to five meetings will be held with agencies under this task.

#### Assumptions:

- A total of five meetings held in Tucson area with one SWCA staff member attending.

### **Task 1.4: Other Meetings**

These may include meetings called by the USFWS, USFS, SWCA, RCC or other project consultants.

Assumptions:

- Ten unscheduled meetings to be held at CNF offices or SWCA Tucson office. No more than two SWCA staff will attend.

**Task 1.5 – John MacIvor – Subconsultant**

This task and line-item cost is to cover the direct labor and expenses for John MacIvor's contribution to this project. SWCA expects John to continue in his role of NEPA (SWCA) ID Team Leader. In that position John will support Charles Coyle, Rosemont Project Manager and will act to facilitate communications between the Forest Service, the SWCA project team and Rosemont Copper. John will also be called on by Mr. Coyle to contribute to the original writing and the technical review of all sections of the DEIS to ensure the process and legal requirements of NEPA are integrated. In addition, John will act as the SWCA liaison to the Cooperating Agencies to ensure CEQ and Agency requirements are realized.

Assumptions:

- 960 hours (80 hrs per month) in 2009 plus a travel allowance and all direct expenses related to travel and work in Tucson as outlined in Mr. MacIvor's subcontract agreement with SWCA.

**TASK 2: SCOPING SUMMARY**

A majority of the work associated with Scoping was completed in 2008. However, SWCA is waiting for formal direction from the CNF regarding the final content of the three scoping reports.

**2.1 Scoping Reports**

The CNF has requested that SWCA prepare the following scoping reports:

- 1) Scoping Process and Quantitative Results
- 2) Content Analysis and Thematic Grouping of Issues
- 3) Issue Statements and Issues to be Analyzed in Detail

SWCA is completing issue statements (#3), which were initially identified as a USFS responsibility.

Assumptions:

- Two meetings with USFS and two reviews of each report will be needed to complete this task.

**TASK 3: CHAPTER 1 – INTRODUCTION AND PURPOSE AND NEED**

SWCA will assist the FS in preparing Chapter 1 of the DEIS. SWCA has reviewed the USFS's Purpose and Need statement. This Task is approximately 60% complete and includes review of:

- public, agency, and cooperating agency input
- the project need such that it is in broad enough terms to allow for several solutions that have the potential to meet management objectives while minimizing environmental impacts.

- a defensible rationale for the project need.
- links between aspects of the project purpose and needs, and USFS policy objectives.
- consistency with USFS statutory responsibilities.
- rationale for how each element of the Purpose will meet the project Need.

The proposed outline for Chapter 1 – Introduction and Purpose and Need is presented below.

- 1.1 INTRODUCTION
- 1.2 DOCUMENT ORGANIZATION
- 1.3 PROJECT HISTORY, BACKGROUND AND LOCATION
- 1.4 PURPOSE AND NEED FOR ACTION
  - 1.4.1 Decisions to be Made
- 1.5 REGULATORY FRAMEWORK AND AUTHORIZING ACTIONS
  - 1.5.1 Mining Plan of Operations
- 1.6 ISSUES RAISED DURING SCOPING
  - 1.6.1 Scoping Process and Efforts
  - 1.6.2 Summary of Scoping Issues
    - 1.6.2.1 Issues Beyond the Scope of this EIS
    - 1.6.2.2 Issues Addressed but Not Traced in this EIS
- 1.7 INTERRELATED ACTIONS
  - 1.7.1 Introduction
  - 1.7.2 Past, Present, and Reasonably Foreseeable Future Actions

Assumptions:

- Two rounds of review by the CNF will be needed and there will be no timing delays as a result of the CNF review schedule changes.
- Purpose and Need 100% Completed. Draft and review of Chapter 1 still to be completed.
- The FS accepts the outline presented in this Task with minimal changes. If changes are made to the outline subsequent to the acceptance by FS, a change order will be required.

## **TASK 4: ALTERNATIVES DEVELOPMENT**

**OBJECTIVE:** To develop and describe a range of reasonable and practical alternatives that fulfill the project Purpose and Need and prepare Chapter 2 on behalf of the USFS.

### **Task 4.1 Alternatives Analysis**

SWCA will work with the USFS to develop the no action alternative and a reasonable range of primary and/or secondary alternatives that fulfill the P&N for the project. This is an iterative process that includes 1) generating ideas, 2) developing alternatives until they seem reasonable or not reasonable, and 3) keeping them in a list to analyze in detail or eliminating them from detailed analysis. Rationale for keeping or dismissing any alternative considered will be documented.

SWCA will use the following process to develop an adequate range of alternatives:

1. Examine project P&N; re-evaluate P&N if it is defined so narrowly as to preclude alternatives to the Proposed Action.
2. Review public, agency, and stakeholder scoping input regarding potential primary or secondary alternatives to achieve the project P&N.

3. Eliminate alternatives suggested during scoping that do not meet project P&N (provide rationale for eliminating alternatives in the Alternatives Eliminated from Detailed Analysis section of the EIS).
4. Eliminate alternatives suggested during scoping that do not decrease environmental impacts in relation to the Proposed Action or other alternatives (provide rationale for eliminating alternatives in the Alternatives Eliminated from Detailed Analysis section of the EIS).
5. Use remaining alternatives suggested during public and agency scoping input, combined with professional expertise, to determine the full range of “reasonable” alternatives that could possibly meet the project P&N.
6. Pick a representative sample of the full range of “reasonable” alternatives. Wherever possible, include alternatives that address resource impact concerns brought up during public and agency scoping.
7. Some agencies’ NEPA implementation guidelines require the identification of a preferred alternative to signal agency intentions without being pre-decisional. Agency guidelines may also require the identification of an Environmentally Preferable Alternative in the NEPA document.

Assumptions:

- CNF will require no more than four alternatives (including the No Action) to be analyzed in detail in the EIS.
- RCC’s consultants will prepare any 404 (B)(1) alternative analysis required by the US Army Corps of Engineers.
- SWCA will attend up to two IDT meetings with CNF as part of this Task, and no more than two rounds of reviews will be required.

**Task 4.2: Chapter 2 – ALTERNATIVES INCLUDING THE PROPOSED ACTION**

The proposed outline for Chapter 2 – Alternatives Including the Proposed Action is presented below.

- 2.1 PROPOSED ACTION
  - 2.1.1 Overview of Proposed Rosemont Copper Project
  - 2.1.2 Mining Operations
  - 2.1.3 Heap-Leach Facilities
  - 2.1.4 Ore Processing Operations
  - 2.1.5 Project Support and Ancillary Facilities
  - 2.1.6 Utilities, Equipment, Vehicles, and Supplies
  - 2.1.7 Site Access and Project Traffic
  - 2.1.8 Construction and Operational Considerations
  - 2.1.9 Rosemont’s Proposed Reclamation and Closure
- 2.2 PROJECT ALTERNATIVES
  - 2.2.1 Alternatives Considered in Detail
  - 2.2.2 Alternatives Eliminated from Detailed Consideration
- 2.3 COMPARATIVE ANALYSIS OF ALTERNATIVES
- 2.4 AGENCY PREFERRED ALTERNATIVE

Assumptions:

- The FS accepts the outline presented in this Task with minimal changes. If changes are made to the outline subsequent to the acceptance by FS, a change order will be required.

## **TASK 5: DETAILED TECHNICAL REPORTS TO ADDRESS SIGNIFICANT ISSUES**

We understand the following issues are considered at this point in the project to be significant issues to be addressed throughout the EIS. As the scoping report is completed, the list of significant issues may vary from those presented in this Scope of Work. It is also understood that detailed and specialized data collection efforts will be the responsibility of SWCA as well as other consultants contracted by RCC.

### Assumptions:

- Information regarding each of these resources will be submitted by 2/27/09 to the USFS at a level of detail acceptable for preparing the Affected Environment (Chapter 3) and a basis for analyzing impacts of alternatives.
- All Resource Studies (e.g., Recreation), except those specifically identified as SWCA's responsibility in this Task, completed to USFS satisfaction are assumed to be the responsibility of RCC consultants.

### **Issue 1. Water Resources (To be completed by RCC Consultant)**

Ground Water (east side)

Ground Water (west side)

Surface Water (east side)

Surface Water (west side)

Water Resource Delineation and Jurisdictional Determinations

### **Issue 2. Visual Resources (To be completed by SWCA)**

Task A. Visual/Remediation Design Meeting, Remediation Field Trips

Participate in one design/remediation briefing meeting with USFS staff, one 8-hour field visit with USFS and other USFS designees, and two 4-hour debrief meetings to review opportunities with project staff.

Task B. Collect, Analyze, and Summarize Visual Resource Information

Collect, analyze and summarize constituent information through key interviews with Rosemont design team, USFS staff, FS records, and other relevant sources. Establish up to 5 key observation points (KOPs) and document these locations with photography and geographic positioning system (GPS). Identify evaluation criteria that will be used to define and evaluate project effects for the visual resources included in the study area. Evaluation criteria may include visual objectives from USFS Scenery Integrity Objectives (SIOs), restoration indicators, design guidelines, and setting indicators. Identify visual design opportunities and mitigation for dry stacking, tailing pile orientation, placement, and remediation.

Task C. Prepare Visual Technical Report

Following development of the alternatives, prepare a report which summarizes the existing alternative and recommends (1) areas for improvement for the existing alternative, and/or (2) defines objectives, design guidelines/standards, and mitigation measures for proposed alternatives. Report should describe the important corridors and viewsheds for protection, key elements of remediation techniques for visual enhancement, and opportunities for visual

protection through tailing pile design specifics or location. Additionally, the report will include several maps to show recommended strategies.

Assumptions:

- Task A: Visual Design meeting will be based in the Rosemont Copper project vicinity as (1) 4-hour pre-tour meeting with remediation design team, (1) 8-hour field visit to mine sites, (1) 4 hour field visit with project staff, field prep and pre-post notes, and travel time. USFS staff will organize the remediation tour and meeting with other resource specialists.
- Deliverable from Visual Design meeting will be brief meeting notes and site analysis map that identifies critical viewsheds, opportunities and challenges for visual resource protection.
- Task B: Specific information sources and interviews will be determined with USFS staff and will not exceed 160 hours of effort.
- Task B Deliverables will include initial draft sections (2 of 5 total sections) of Visual Technical Report for key issues and opportunities that will be identified under Task A. They may include: dry stacking, tailing pile orientation, tailing placement and remediation. Additionally, geographic position system coordinates (GPS), photographs, and visual observations will be recorded per USFS standards.
- Task C: Will include written documentation of visual objectives, evaluation criteria, and mitigation measures for Proposed Action and alternatives.
- Task C deliverables will include draft of Sections 4-5 of visual technical report, review by USFS staff, and final report with responses to public comment. Maps (up to 5 maps) and GIS information developed for the process will also be included.
- Visual simulations are not included as RCC has indicated they will complete them. Additional simulations may be requested by the USFS for an additional fee.
- Additional tours to reclamation sites beyond the Project Area, as requested by the USFS, would require an additional scope and fee to cover time, deliverables, and travel expenses.

**Issue 3: Socioeconomic (To be completed by RCC Consultant)**

**Issue 4: Transportation (To be completed by RCC Consultant)**

**Issue 5: Air Quality (To be completed by RCC Consultant)**

**Issue 6: Biological Resources (To be completed by RCC Consultant and SWCA)**

SWCA will complete three documents required by the Forest Service: a Biological Assessment and Evaluation (BA&E), Management Indicator Species (MIS), and a technical memorandum on birds listed under the Migratory Bird Treaty Act (MBTA). SWCA biologists will work at the direction of the CNF project biologist to complete all three reports per Forest Service requirements to demonstrate compliance with the Endangered Species Act, National Forest Management Act, and the MBTA. Pending review of the biological reports currently in preparation by Westland Resources, the Forest Service may also require the preparation of a Wildlife Specialists Report.

This task also includes SWCA's assistance with the CNF's requirements to consult with the US Fish and Wildlife Service under Section 7 of the Endangered Species Act. This includes preparing correspondence on behalf of the CNF Biologist, attending consultation meetings, and if required, working with RCC and the agencies to develop reasonable mitigation.

Assumptions:

For the BA Task:

- 2 meetings with USFWS at 2 hrs/meeting
- 2 meetings with USFS at 2 hrs/meeting
- No more than 2 rounds of document review
- No more than 12 species covered
- No additional field visits or resource studies necessary
- Assumes adequate level of detail in reports to be submitted by WestLand Resources or other consultants to RCC

For the MBTA Task:

- 1 meeting with USFS at 2 hrs/meeting
- No more than 2 rounds of document review
- No additional field visits or resource studies necessary
- Assumes adequate level of detail in reports to be submitted to the Forest Service

For the MIS Task:

- 2 meetings with USFS at 2 hrs/meeting
- No more than 2 rounds of document review
- No additional field visits or resource studies necessary
- Assumes adequate level of detail in reports to be submitted by WestLand Resources or other consultants to RCC
- Only three action alternatives and the no action alternative will be analyzed in the EIS

**Issue 7: Cultural Resources (To be completed by SWCA)**

SWCA has completed Class III (pedestrian) archaeological surveys of the proposed mine footprint, access road, and utility lines, and is in the process of completing the survey report. This report will identify previously recorded sites, sites that have been mitigated partially or wholly, and when appropriate provide recommendations of National Register eligibility. The report will also identify sites of indeterminate eligibility. Upon review of the report by the CNF, cooperating agencies, and SHPO, SWCA will revise the report and submit a final to the CNF. This task also includes coordination and facilitation of tribal consultation. SWCA's primary role in this will be to assist the CNF in documenting the consultation process and coordinating field trips. Results of tribal consultation will be documented in the project record. The Arizona State Historic Preservation Office has encouraged CNF to enter into a Memorandum of Agreement (MOA) with the tribes, the SHPO, and the Advisory Council on Historic Preservation, which will outline the mitigation measures for the RCP. CNF proposes to invite the tribes to enter into the MOA at the time that it distributes the archaeology report, and it will convene a meeting to draft the MOA. SWCA would assist in the logistics and MOA preparation.

As part of the consultation process, the CNF has requested that an ethnohistory be compiled, specific to the proposed RCP area. Much of the data needed for the ethnohistory cannot be found in written records, so the completion of the ethnohistory is facilitated during conversations with official tribal representatives during the tours, and by visits to the tribes to talk to elders who may be unable to travel.

The tribal consultation process during 2009 will continue through the Record of Decision. The tribes will likely continue to be involved in the mine process through the reclamation phase. The CNF has a long history of consulting with many of these same tribes on various projects, several

of which have been very controversial. Nevertheless, the tribes and the CNF continue to consult on all of these actions as required by federal statute.

Assumptions:

- One review of archaeology report by CNF and one review by SHPO
- Does not include preparation of and eligibility testing plan or data recovery plan
- Includes consultation services through 12/31/09
- One review of ethnohistory by CNF and one review by SHPO
- No additional tribal consultation meetings in 2009 will be required
- No additional survey or excavation work is anticipated in 2009
- Based on conversations with the CNF, no more than three additional field trips/site visits with tribes or agencies will be required.
- Maximum of six tribal or agency participants for each field trip/site visit.

## **TASK 6: CHAPTER 3 – AFFECTED ENVIRONMENT AND ENVIRONMENTAL CONSEQUENCES**

**AFFECTED ENVIRONMENT OBJECTIVE:** To describe the features of the existing environment, including physical, natural, and human-made resources consistent with the USFS and the National Environmental Policy Act (NEPA).

**ENVIRONMENTAL CONSEQUENCES OBJECTIVE:** To conduct an evaluation of impacts on environmental resources caused by the alternatives under consideration. Impact analyses will conform to the requirements of agency guidance. CEQ regulations require, at 1502.16 (c), that an EIS disclose possible conflicts between the proposed action and the objectives of the USFS, regional, State, and local land use plans, policies and controls for the areas concerned.

SWCA will prepare a concise description of the area affected by the alternatives carried forward for detailed evaluation in the EIS. To identify the appropriate elements that need to be described in the Affected Environment section, SWCA will identify the types of impacts to both physical structure and ecological function. This will be done using input from public and agency scoping, the ID team, and cooperating agencies. Resources that will be described in the Affected Environment section will include those that 1) could be adversely or positively impacted by the Proposed Action or alternatives, or 2) could be adversely or positively impacted by virtue of being symbiotic with other impacted resources. Those resources that do not meet the above criteria will be eliminated from the detailed analysis. Rationale for the elimination of any resource will be documented.

Mr. Dale Ortman, P.E. will be a sub-consultant to SWCA to provide internal staff expertise in mining and the various technical disciplines that directly relate to the potential water resource issues surrounding a large scale hardrock mine. His expertise will be valuable to both SWCA project management staff and technical specialists in understanding the cause and effect relationships that influence their work. In addition, as a member of the Core Interdisciplinary Team for the EIS, he will provide support to the Coronado National Forest management and technical specialists. He will also coordinate the work scope for other SWCA sub-consultants to insure that technical requirements associated with Water Resources and hydrological issues are sufficiently addressed in the EIS. The specific areas of expertise include:

- General mining practice
- Tailings disposal design, operations, and closure
- Waste rock disposal design, operations, and closure

- Open pit mine design, operations, and closure
- Mine water supply
- Mine impacts to groundwater, including both groundwater depletion and chemistry
- Mine impacts to surface water
- Storm water control
- Reclamation, including steep slope erosion control
- Pit lake potential and chemistry
- Mine waste geochemistry, including ARD potential

Assumptions:

- No more than four alternatives, including the no action alternative, will be analyzed in the EIS
- Two rounds of review by the CNF will be needed for the Affected Environment and two rounds of reviews for the Environmental Consequences and there will be no timing delays as a result of the CNF review schedule changes.

## **TASK 7: CHAPTERS 4-9 AND APPENDICES**

4.0 CONSULTATION AND COORDINATION

5.0 LIST OF PREPARERS

6.0 REFERENCES

7.0 ACRONYMS AND ABBREVIATIONS

8.0 GLOSSARY

9.0 INDEX

Assumptions:

- One review by the CNF will be needed and there will be no timing delays as a result of the CNF review schedule changes.

## **TASK 8: PUBLICATION OF THE DEIS**

**OBJECTIVE:** To compile the narratives and exhibits developed in the preceding tasks into a comprehensive Draft EIS that fulfills the requirements of the Forest Service as well as the National Environmental Policy Act.

### **Task 8.1: Development of Administrative Draft Environmental Impact Statement**

An administrative (review) Draft EIS will be prepared under this task. Twenty hard copies (20), as well as an electronic copy, of the first administrative draft document will be distributed to the Consultant Team, RCC, and the Forest Service for review and editing. Following incorporation of the first round of comments, twenty (20) hard copies and an electronic copy of the second administrative Draft EIS will be distributed for additional review and final editing. The administrative Draft EIS shall include all components required for a complete EIS document, including the following:

1. Purpose and Need
  2. Alternatives
  3. Affected Environment and Environmental Consequences
  4. Consultation and Coordination
  5. List of Preparers
  6. References
  7. Acronyms
  8. Glossary
  9. Index
- Appendices, as appropriate

### **Task 8.2: Team Review of Administrative Draft Environmental Impact Statement**

FS will review both the first administrative Draft EIS and the second administrative Draft EIS. Review comments and revisions will be prepared under this task. SWCA and USFS will participate in one internal conference call per respective administrative review of the Draft EIS.

### **Task 8.3: Development of Draft Environmental Impact Statement**

After the two rounds of editorial review and revision of the administrative Draft EIS, the document will be finalized for submission to Forest Service and RCC for approval and publication. SWCA will distribute the documents to all agencies, organizations, and individuals on the document distribution list.

## **TASK 9: MANAGEMENT OF ADMINISTRATIVE FILE**

This task involves assembly, management, and maintenance of the following three files:

- The Administrative File (A/F) provides a digital catalog and paper copy of all information used in the development of the methodology, analysis, and the decision-making process for the EIS. The information contained in this file may be included in the Administrative Record. This file serves as a centrally located, organized library for use by the project staff.
- The Project File provides an organized file for all project information not contained in the Administrative File. This information may be included in the Administrative Record. The primary purpose of this file is to provide for documentation and tracking purposes and to ensure that all information is kept in an organized manner to document any need that arises.
- The Administrative Record is prepared in the event that legal action is filed against the Record of Decision. It provides the U.S. Justice Department with a digital catalog and paper copy of all information used in the development of the methodology, analysis, and the decision-making process for the EIS. The Administrative Record is created principally from the A/F, but Project File documents may also be included. The Forest Service and the Justice Department determine what documents will, or will not, be included in the Administrative Record.

Assumptions:

- Purchase of three fireproof file cabinets
- 600 hours at XX per hour for Administrative Assistant

## **TASK 10: FOIA REQUESTS**

SWCA will supply copies of documentation to the CNF based on individual FOIA requests.

### Assumptions

- 75 hours at XX per hour for Administrative Assistant

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smt  
**Sent:** Fri Feb 27 2009 10:07:57 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** reta laford/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes  
**Subject:** Re: Fw: Rosemont/SWCA revised scope of work  
**Attachments:** Rosemont Contract Mod to CNF 022509.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Work that is missing from the February 25, 2008 Contract Modification:

1. Work required to complete analysis of effects to recreation
2. Work required to complete analysis of effects to wilderness
3. Visual Resource work items included in my Nov. 11, 2008 email to SWCA. Some of the major items include:

Exploration of radically different shaping of the waste rock and tailings pile to avoid the monolithic form and flat top, and to better mimic natural landforms in the area. This will require research (contacting other mining projects who have successfully done this type of work and probably site visits to one or more of them), a 3-D computer model to manipulate (i.e., not just static viewpoints) and/or a topographic model, as well as involvement of other resource specialists (primarily wildlife and hydrology, but possibly also archaeology) and a mining specialist (probably Dale).

Review of USFS directives, area plans, and other guidance.

Completion of specific EIS sections including Affected Environment (which would include mapping viewsheds affected by the project and a description of valued landscape character), Environmental Consequences (using both VQOs and SMS), and Cumulative Effects Analysis (at viewshed, EMA, and forest-wide scales).

Additionally,

1. Page 6, bullet 7 mentions that RCC will complete visual simulations. This is not acceptable. Simulations need to be completed as part of the EIS and should be completed by SWCA or their subcontractor under the direction of the USFS.
2. Page 6, bullet 7, mentions that additional tours are not included. This is not acceptable. One or more trips to other reclaimed mine sites will likely be needed. Although I have been researching possible locations, SWCA should immediately take the lead to determine which reclamation sites would be helpful to complete analysis.
3. I have yet to receive from SWCA a full proposal and schedule. Without this I am unable to assess whether the hours described in the proposed contract modification are sufficient. This proposal and schedule should also include proposed trips to Tucson by the SWCA landscape architect.
4. I am concerned about the lack of dialogue between USFS/SWCA and RCC. I expected SWCA to schedule a meeting with Daniel Roth in the fall to begin discussion of options for reshaping the waste rock and tailings pile. And although RCC's experts provided extremely thorough presentations to the USFS, I believe that SWCA should present equally detailed information on resource issues (including visual quality) back to RCC.

Beverley A Everson/R3/USDAFS  
02/25/2009 11:29 AM

To

Mary M Farrell/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES  
CC

Subject

Fw: Rosemont/SWCA revised scope of work

Hi All,

Please see the draft scope of work that SWCA will be submitting to the Rosemont Copper Company. I would like your input for the work outlined, and time allowed for that work, in your specialty areas. Is the work they're proposing to do reasonable? Are they allowing sufficient time for the work? And lastly, considering that they are doing the actional analysis, and we are doing the review, are they putting any work/expense on us that they should be doing/paying for?

Keep in mind that their scope of work has to stay within what can be reasonably expected for a complete EIS analysis.

Thanks.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
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Voice: 520-388-8428  
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----- Forwarded by Beverley A Everson/R3/USDAFS on 02/25/2009 11:20 AM -----

"Charles Coyle" <ccoyle@swca.com>  
02/25/2009 08:55 AM

To

"Beverley A Everson" <beverson@fs.fed.us>

cc

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Subject

Rosemont/SWCA revised scope of work

Hi Bev,

Attached is a copy of our newly revised scope of work for 2009, for your team's review. The only difference between this version and what we will submit to Jamie is the costs have been deleted here. As we discussed yesterday, the assumptions included here were necessary for us to generate a budget that Rosemont Copper could approve.

Please inform both us at SWCA and Jamie Sturgess at the same time of any comments your team has. I believe it was mentioned at our meeting yesterday that it's quite important we receive feedback by the end of the day tomorrow, if at all possible, so this topic can be discussed by all three entities (USFS, Rosemont, and SWCA) at the Friday meeting—we genuinely need to have a 2009 contract in place by early next week.

Thank you!

Charles Coyle  
Senior Project Manager  
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**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Mon Mar 02 2009 14:04:53 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:**  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

Could you send me a list of the documents that Kathy Arnold passed to you on Friday, please? I want to be sure that we receive all of the same documents from them.

Thanks!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

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"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

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You have my name spelled wrong in your emails

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Thu Feb 26 2009 11:48:08 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** You have my name spelled wrong in your emails  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I am not receiving any of the emails that you have been sending. Send to: mreichard@swca.com

It seems like you may need to change me in your address book. Thanks!

Melissa Reichard

Project Administrator

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"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

RE: Report Availability

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Mar 03 2009 15:03:42 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>; "charles coyle" <ccoyle@swca.com>; "tom furgason" <tfurgason@swca.com>  
**CC:**  
**Subject:** RE: Report Availability  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Is anyone else having issues with the attachment? All I get is: [attachment "Report Availability and Schedule.pdf" deleted by Beverley A Everson/R3/USDAFS]

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, March 03, 2009 12:31 PM  
To: Charles Coyle; Melissa Reichard; Tom Furgason  
Subject: Fw: Report Availability

Per your request this morning. Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 03/03/2009 12:30 PM -----

Kathy Arnold <karnold@rosemontcopper.com>

02/02/2009 06:28 PM

To

Beverley A Everson <beverson@fs.fed.us>

cc

Jamie Sturgess <jsturgess@augustaresource.com>

Subject

Report Availability

Bev –

As we discussed, here is a draft of the timelines associated with the reports that are planned for delivery to the Forest Service. We would like to discuss these at our meeting Thursday if you believe it would be appropriate.

Thank you –  
Kathy

Katherine Arnold, PE|Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box35130 | Tucson, AZ 85740-5130  
3031 West Ina Road| Tucson, AZ85741 | www.rosemontcopper.com

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[attachment "Report Availability and Schedule.pdf" deleted by Beverley A Everson/R3/USDAFS]

RE: information on Rosemont

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Mar 04 2009 13:02:03 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: information on Rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here you go...

Scoping Meeting Attendance

Location - Date

Number of People Signed In\*

Number of Comments Received\*\*

Tucson- March 18, 2008

208

1540

GreenValley- March 19

259

104

Patagonia- March 20

182

54

Vail - April 5

211

20

Sahuarita - April 22

67

14

Elginhearing - May 12

222

65

Sahuarita hearing - June 7

209

63

Tucsonhearing – June 30

429

4508

\*Not everybody that attended signed in.

\*\*Form letters constituted the majority of comments submitted at the Tucsonopen house and hearing

The number of total submissions, including all email, signatures on petitions, form letters, letters, and oral comments, total 11,082.

Submissions 11 from countries and from 47 states plus DC.

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Wednesday, March 04, 2009 10:10 AM  
To: Tom Furgason  
Subject: information on Rosemont

Tom, could you give me the following information:

How many attendees were there to the public meetings and hearings?

How many different countries were represented in the comment responses?

Total number of comments?

I need this info as soon as possible.

Thank you.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Fri Mar 13 2009 14:30:55 EDT  
**To:** reta laford/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;kent c ellett/r3/usdafs@fsnotes  
**CC:** debby kriegel/r3/usdafs@fsnotes  
**Subject:** Rosemont - SWCA continues to say that the USFS must convince Rosemont what's needed for analysis of scenic resources

**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

See highlighted stuff in this message. Sounds like it's not just Marcie saying that the FS needs to make our case to Rosemont, but Tom and Charles too. And the work involves more than just field trips, but also computer modeling and simulations, and more.

This week, per Reta's suggestion, I did contact Kathy Arnold to discuss my interest in other mines who have done land sculpting, etc. She's helping gather info via email, but this is only a small first step.

Can one of you discuss this at a future meeting with SWCA? Rosemont is not our client, and SWCA is expected to follow our direction, right??

----- Forwarded by Debby Kriegel/R3/USDAFS on 03/13/2009 11:05 AM -----

"Marcie Bidwell" <mbidwell@swca.com>  
03/12/2009 03:49 PM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
"Charles Coyle" <ccoyle@swca.com>, "Tom Furgason" <tfurgason@swca.com>  
Subject  
Hour estimate for the Visual Technical Report

Debby,

Here is the detail for the Technical Report effort that was included in the scope of work for this year. The attachment includes the basic essence of Tasks 1-4-ish of my original proposal, but as only THREE tasks (Task 1-3 in this spreadsheet and the Change Order).

This scope does not include the trip to NV in April or any visual simulation work; I encourage that you speak to RCC about your interest in these items again. Task I thought I had sent this email last week. As to my contacting RCC to request these items, Tom and Charles have requested that these tasks need to be brought to RCC by the USFS, as SWCA has brought them forward to RCC and they were not funded. RCC should respond to USFS differently than they would to us.

I want to stress that it is not that I do not support this extension; its quite the opposite. Its that the federal

agency has the influence in this situation with the client.

Tom or Charles would be glad to talk to you regarding strategy; they recommend that the ID Team lead or project lead carry your wishes to RCC.

Meanwhile, I am digging into the documents that you suggested, and will have the diagram with the EIS, Visual Tech Report and your list together for you soon.

Thanks as always, and glad to be moving on the next phase,  
Marcie

<<Visual Cost\_estimate- 2009-02-13-USFS.pdf>>

Marcie Demmy Bidwell

Environmental Planner

515 East College Avenue

Durango, Colorado 81301

Office: 970.385.8566

Fax: 970.385.1938

www.swca.com [attachment "Visual Cost\_estimate- 2009-02-13-USFS.pdf" deleted by Debby Kriegel/R3/USDAFS]

Comment scans for online database are complete!

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Mar 10 2009 18:45:08 EDT  
**To:** "philip murphy" <philip.murphy@infoharvest.com>; "john able" <jable@fs.fed.us>  
**CC:** "melissa reichard" <mreichard@swca.com>; "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>; "reta laford" <rlaford@fs.fed.us>; "teresa ann ciapusci" <tciapusci@fs.fed.us>; "kent c ellett" <kellett@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**Subject:** Comment scans for online database are complete!  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Philip-

I have just burned what should be the final CD to send to you. It should go out in tomorrow's mail. I put all comment submissions from 1-11082 on the CD. The only exceptions are the submissions that were FL (not FL+). You should have already received all of the Form Letters and attachments. Thank you for your patience with this process- it is a lot of work. If you notice that I have somehow missed one, please let me know. I have double and triple checked, but all these numbers start to blur together. You have proved to be a great quality check for us.

Thanks for all your efforts!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

**From:** roxane m raley/r3/usdafs;nsf;rmraley@fs.fed.us;smtp  
**Sent:** Wed Mar 18 2009 17:49:57 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes;mreichard@swca.com;teresa ann ciapusci/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Draft EIS - Rosement Mine  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

----- Forwarded by Roxane M Raley/R3/USDAFS on 03/18/2009 02:49 PM -----

"acurto" <acurto@soazsite.com>  
03/09/2009 02:05 PM

Please respond to  
<acurto@soazsite.com>

To  
<comments-southwestern-coronado@fs.fed.us>  
cc

Subject  
Draft EIS - Rosement Mine

Dear Rosemont Team Leader,

I would like my e-mail to be added to the list of people to receive the Draft EIS for the Rosemont Mine. My name and address are listed below, as well as telephone and e-mail. If you need any additional information, please let me know and I will supply it. Thank you for your help in this matter.

Sincerely,

Andrea M. Curto, Ph.D.  
SASA  
925 N. Davidson Canyon Road  
Vail, AZ 85641  
Tel: 520-465-4586  
Fax: 520-751-SITE (7483)  
acurto@soazsite.com  
www.soazsite.com

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Thu Mar 19 2009 14:13:38 EDT  
**To:** rmakey@fhs.fed.us; sbrown02@fhs.fed.us; aedek@fhs.fed.us; rfevre@fhs.fed.us; sobahqulab@fhs.fed.us; awcampbell@fhs.fed.us; abetaukas@fhs.fed.us; wkeyes@fhs.fed.us; tommett@fhs.fed.us; devinquantana@fhs.fed.us; ketlett@fhs.fed.us; cdeblanc@fhs.fed.us; gmckay@fhs.fed.us; jones02@fhs.fed.us; dsebesta@fhs.fed.us; beverson@fhs.fed.us; tsapucci@fhs.fed.us; jable@fhs.fed.us; sldavis@fhs.fed.us; rtaford@fhs.fed.us; mfarrell@fhs.fed.us; wglitke@fhs.fed.us; kgraves@fhs.fed.us; hschew@fhs.fed.us; jjerby@fhs.fed.us; ecurie@fhs.fed.us; dwright@fhs.fed.us; mjflitch@fhs.fed.us  
**CC:** melissa richard <mrre@hard@wvca.com>  
**Subject:** Word Track Changes Cheat Sheet  
**Attachments:**  
**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here's something on Rosemont Copper Project EIS that I'd like you to see. To go directly to the item, click the link below or paste it into your web browser. Please note that some email clients require that all the letters and numbers in the link appear on one line, or else it won't go to the right place.

<<https://rosemonteis.webexone.com/r.asp?a=5&id=140504>>

Let me know if you have any questions or is there is anything else I can help you with!

Thankst

Mel

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smt  
**Sent:** Fri Mar 06 2009 09:52:36 EST  
**To:** kent c ellett/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;jeanine derby/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Rosemont EIS and SWCA's work  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I continue to be concerned about the fact that SWCA is not doing what we have told them is needed to complete specialist work for the EIS. But perhaps more potentially problematic is that Rosemont is not only unaware of what the Forest Service needs, but perhaps thinks that SWCA is doing fine. SWCA's recent change order is a great example of ignoring FS input and providing Rosemont with incomplete information (for example: the visual, recreation, and wilderness sections are unacceptable or missing).

Below is an email from SWCA's landscape architect. I've highlighted words that she's also told me on the phone. Who should telling Rosemont what's needed?

Is there a reason why the Forest Service can't tell Rosemont directly that SWCA is not doing the necessary work? Shouldn't we be straightforward with them and keep communication open? What's the downside?

(By the way, the schedule Marcie refers to is something I've been asking for since early November!)

----- Forwarded by Debby Kriegel/R3/USDAFS on 03/06/2009 07:26 AM -----

"Marcie Bidwell" <mbidwell@swca.com>  
03/05/2009 03:10 PM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>  
cc

Subject  
Diagram~

Debbie,  
I talked with Tom Furguson and have some better insight into next steps; he agrees that the schedule/excel would be a good visual; and he had good intel as to why the EIS terms have changed. Just as I explained, Rosemont is managing the project very differently and every single line item is being scrutinized. As I mentioned yesterday, the USFS will need to make the case to RCC why certain steps are required and what is adequate to address those (i.e. specific visual studies, etc).

Also, I have a better understanding of the timing and that certain pieces of the process have to come before alternative development, or the USFS could be accused of being pre-decisional that x,y,z is driving the alternative development prior to the definition of the scoping issues being formalized.

So more on that soon. I got pulled into some last minute proposal work, and did not get the graphic done yesterday. Will send it tomorrow morning!

Happy afternoon!

Marcie

Marcie Demmy Bidwell

Environmental Planner

515 East College Avenue

Durango, Colorado 81301

Office: 970.385.8566

Fax: 970.385.1938

[www.swca.com](http://www.swca.com)

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Fri Mar 20 2009 14:38:35 EDT  
**To:** kellett@fs.fed.us;robert lefevre <rlefevre@fs.fed.us>;sarah davis <slldavis@fs.fed.us>;beverson@fs.fed.us;dkriegel@fs.fed.us;sshafiqullah@fs.fed.us;ljones02@fs.fed.us;alan belauskas <abelauskas@fs.fed.us>;william gillespie <wgillespie@fs.fed.us>;wkeyes@fs.fed.us;kendall brown <kbrown03@fs.fed.us>;dsebesta@fs.fed.us;eli curiel <ecuriel@fs.fed.us>  
**CC:** teresa ann ciapusci <tciapusci@fs.fed.us>;tom furgason <tfurgason@swca.com>;charles coyle <ccoyle@swca.com>;reta laford <rlaford@fs.fed.us>;melissa reichard <mreichard@swca.com>  
**Subject:** Issues & Themes  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi All!

The Word versions of the Cause & Effect Worksheets and the Issue narratives are now uploaded. If you need any help with Track Changes, I have uploaded a Cheat Sheet in the References folder. Please let me know if you have any questions or issues with any of the documents. The assignments from the IDT meeting on Wednesday are as follows:

Bob Lefevre- 1,3 Air Pollution, 57 Riparian Vegetation, 65 Soils

Bill Gillespie- 14 Archaeology

Sarah Davis- 15,61 Socioeconomics/EJ, 25 Outdoor Lighting

Kendall Brown- 27,28 Livestock Grazing

Alan Belauskas- 31 Noise

Walt Keyes (assistance from Bev and/or Salek)- 52 Reclamation Plan, 74 Transportation, 80,89partial,90,93 Mine Area Groundwater, 92 Potential Pit Lake, 94 Storm Water Control

Debbie Kriegel- 56 Recreation, 84 Visual Resources, 101 Wilderness

Debby Sebesta- 69 Special Status Species, 79 Vegetation, 83,102,103,104,105 Wildlife Habitat

Eli Curriel- 91 Acid Rock Drainage

Thanks!

Mel

Here's something on Rosemont Copper Project EIS that I'd like you to see. To go directly to the item, click the link below or paste it into your web browser. Please note that some email clients require that all the letters and numbers in the link appear on one line, or else it won't go to the right place.

<<https://rosemonteis.webexone.com/r.asp?a=12&id=22832>>

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Mar 17 2009 18:08:23 EDT  
**To:** "john able" <jable@fs.fed.us>  
"tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>; "teresa ann ciapusci"  
**CC:** <tciapusci@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "kent c  
ellett" <kellett@fs.fed.us>  
**Subject:** Letter from Walkup  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

John-

I got your message about the briefing you found referencing a letter from Mayor Walkup. I have not found any letter from him. The only comment submission that we logged in as from the City was a resolution against the mine that they passed a couple years back. I tried to locate the briefing paper that you referred to, and I don't have a briefing paper that mentions the City. So, without much more to go on, I would conclude that I haven't received a letter from Walkup and I don't have a copy of the Briefing that you were looking at. If you find something, let me know. In the meantime, I would appreciate it if you could pass along a copy of that briefing.

Let me know if there is anything else I can do for you!

Thanks!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

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"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes



Frances Carter  
1801 S. Abrego Drive  
Green Valley, AZ 85614-1401  
March 7, 2009

## Save the Scenic Santa Ritas

The proposed Rosemont open pit mine in an especially beautiful part of the Santa Rita Mountains would be a tragedy that would destroy forever much needed open space near rapidly growing population centers.

Mines use quantities of precious water and pollute the runoff. The falling water table here was discussed in the 1940's when I was a student at the University of Arizona. The water shortage is much more serious now and should prevent further mines now.

The Japanese-backed Augusta company has never actually done mining but makes promises. Another company would do the actual digging with no promises, I was told by a man I met up there.

They would likely take out our skyline. I have hiked all over both sides of these mountains and climbed the peaks where I have seen traces of copper on their tops. Augusta has been working high up on both sides of these peaks.

The huge, ever rising tailings and the open pits that cover many miles of once valuable land west and north of Green Valley, that pollute our drinking water and create dust on windy days, demonstrate what mines do -- ruin forever beautiful land.

Also consider: Wildlife habitat, heavy mine traffic on winding, hilly Route 83, light pollution affecting world-class telescopes on Mt. Hopkins, and a fine recreation area for hikers, birders and others, a scenic tourist attraction, and the whole future of this area, which would be gone forever.

A large area of the National Forest would be needed for tailings and perhaps other structures. The Forest Service should outlaw this devastation and environmental disaster and STOP this atrocity right NOW.

Look elsewhere for copper. Mexico has copper and needs industry and jobs.

The obsolete 1872 Mining Law should have been repealed long ago.

Copper mining has been important in Arizona's past history, but the future presents a

different situation, at least here, near Tucson.

Frances C. ("Freddie") Carter

Tel. 520 648-1959

Bio:

Freddie Carter has the distinction of being the first woman who has walked, hiked, or climbed to the highest point in all of the fifty states of the United States. Freddie has given memorable slide presentations many times in Green Valley and Tucson, and has two plaques in her home certifying this amazing feat. Freddie is a former member of the Green Valley Recreation Hiking Club, and was active in Save the Scenic Santa Ritas some twelve years ago when the organization was founded. They successfully stopped the Asarco company from mining this very same site now threatened by Augusta Resource. For more information please see [www.scenicsantaritas.org](http://www.scenicsantaritas.org).

# Monthly EIS Documentation Report

## Rosemont Copper Project EIS - 2009

	2009 Budget	Percent 2009 Budget Expended	Estimated Percent Complete	MOU Deliverable Date	Date Delivered to CNF by SWCA			CNF Final Review & Acceptance
					1st Draft	2nd Draft	Final	
<b>Task 1. Management of the NEPA Process</b>								
1.1 Weekly Project Status Meetings			20%	NA				
1.2 Proponent Status Meetings			25%	NA				
1.3 Monthly Process Milestone Management			25%	NA				
1.4 Other Meetings								
<b>Task 1 NTE</b>								
<b>Task 2. Cooperating Agency Process and Interdisciplinary Team Lead</b>								
2.1 Cooperating Agency Liaison			10%					
2.2 Review of EIS for Forest Plan Consistency								
<b>Task 2 NTE</b>	XX							
<b>Task 3. Management of Administrative Record</b>								
3.1 Quarterly compilation of AR			25%					
3.2 Response to FOIA Inquiries				NA				
<b>Task 3 NTE</b>	XX							
<b>Task 4. Scoping Summary</b>								
4.1 Scoping Process and Quantitative Results			95%	Feb-09				
4.2 Content Analysis and Thematic Grouping of Issues			95%	Feb-09				
4.3 Issue Statements and Issues to be Analyzed in Detail			85%	Feb-09				
<b>Task 4 NTE</b>								
<b>Task 5. Detailed Technical Reports to Address Significant Issues</b>								
5.1 Issue 1 Water Resources								
5.2 Issue 2. Visual Resources				NA				
5.3 Issue 6. Biological Resources			30%	NA				
5.4 Issue 7. Cultural Resources (inc.Ethnohistory Report)			80%	NA				
<b>Task 5 NTE</b>								

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

# Monthly EIS Documentation Report

## Rosemont Copper Project EIS - 2009

	2009 Budget	Percent 2009 Budget Expended	Estimated Percent Complete	MOU Deliverable Date	Date Delivered to CNF by SWCA			CNF Final Review & Acceptance
					1st Draft	2nd Draft	Final	

### TASK 6: EIS DOCUMENT

<b>Task 6.1 Chapter 1 - Introduction and Purpose and Need</b>								
6.1.1 Introduction			10%	NA				
6.1.2 Document Organization			85%	NA				
6.1.3 Project History and Background			25%					
6.1.4 Purpose & Need for Action			100%	Oct-08				
6.1.5 Regulatory Framework and Authorizing Actions			20%	NA				
6.1.6 Issues Raised During Scoping			90%	NA				
6.1.7 Interrelated Actions (Introduction & Past, Present,...)			10%	NA				
Chapter 1 completed			25%	Apr-09				
<b>Task 6.1 NTE</b>								

<b>Task 6.2 Chapter 2 - Alternatives Development</b>								
6.2.1 No Action Alternative								
6.2.2 Proposed Action		100%	85%	Oct-08				
6.2.3 Alternative 3				NA				
6.2.4 Alternative 4								
6.2.5 Alternatives Eliminated Alternatives				NA				
Alternatives Analysis Completed		0%	0%	Mar-09				
<b>Task 6.2 NTE</b>								

<b>Task 6.3 Chapter 3 - Affected Environment</b>								
6.3.1 Air Quality			25%	Apr-09				
6.3.2 Hydrology			5%					
6.3.3 Geology and Minerals			25%	Apr-09				
6.3.4 Soils & Reclamation			25%	Apr-09				
6.3.5 Biological Resources			10%	Apr-09				
6.3.6 Cultural Resources			15%	Apr-09				
6.3.7 Socioeconomics/EJ			30%	Apr-09				
6.3.8 Visual Resources			15%	Apr-09				
6.3.9 Transportation/Access			20%	Apr-09				
6.3.10 Recreation			10%	Apr-09				
6.3.11 Livestock and Grazing			10%	Apr-09				
6.3.12 Land Use and Wilderness			5%	Apr-09				
6.3.13 Noise			10%	Apr-09				
6.3.14 Lighting			10%	Apr-09				

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

# Monthly EIS Documentation Report

## Rosemont Copper Project EIS - 2009

	2009 Budget	Percent 2009 Budget Expended	Estimated Percent Complete	MOU Deliverable Date	Date Delivered to CNF by SWCA			CNF Final Review & Acceptance
					1st Draft	2nd Draft	Final	
6.3.15 Hazardous Materials			5%	Apr-09				
6.3.16 Public Health and Safety			20%	Apr-09				
Chapter 3 Completed			15%	Apr-09				
<b>Task 6.3 NTE</b>								

<b>Task 6.4 Chapter 4- Environmental Consequences</b>								
6.4.1 Air Quality			5%	Aug-09				
6.4.2 Hydrology			5%					
6.4.3 Geology and Minerals			5%	Aug-09				
6.4.4 Soils & Reclamation			5%	Aug-09				
6.4.5 Biological Resources			5%	Aug-09				
6.4.6 Cultural Resources			5%	Aug-09				
6.4.7 Socioeconomics/EJ			5%	Aug-09				
6.4.8 Visual Resources			5%	Aug-09				
6.4.9 Transportation/Access			5%	Aug-09				
6.4.10 Recreation			5%	Aug-09				
6.4.11 Livestock and Grazing			5%	Aug-09				
6.4.12 Land Use and Wilderness			5%	Aug-09				
6.4.13 Noise			5%	Aug-09				
6.4.14 Lighting			5%	Aug-09				
6.4.15 Hazardous Materials			5%	Aug-09				
6.4.16 Public Health and Safety			5%	Aug-09				
6.4.17 Monitoring and Mitigation			5%	Aug-09				
6.4.18 Unavoidable Adverse Effects			5%	Aug-09				
6.4.19 Short-term use/Long-term Prod.			5%	Aug-09				
6.4.20 Irreversible/ Irretrievable Commitment of Resources			5%	Aug-09				
Chapter 4 Completed			5%	Sep-09				
<b>Task 6.4 NTE</b>								

<b>Task 6.5 Chapters 5-10 and Appendices</b>								
Chapter 5. Consultation & Coordination		10%	10%	Sep-09				
Chapter 6. List of Preparers				Oct-09				
Chapter 7. References				NA				
Chapter 8. Acronyms and Abbreviations			5%	NA				
Chapter 9. Glossary		0%	0%	NA				
Chapter 10. Index				NA				
<b>Task 6.5 NTE</b>								

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

# Monthly EIS Documentation Report

## Rosemont Copper Project EIS - 2009

	2009 Budget	Percent 2009 Budget Expended	Estimated Percent Complete	MOU Deliverable Date	Date Delivered to CNF by SWCA			CNF Final Review & Acceptance
					1st Draft	2nd Draft	Final	
<b>Task 7. Compilation and Formatting of the DEIS</b>								
7.1 Administrative DEIS		0%	0%	Nov-09				
7.2 Team Review of Admin. DEIS								
7.3 Development of the DEIS								
<b>Task 7 NTE</b>								
<b>Total 2009 NTE</b>								

<b>Task 8: CNF Out-of-Scope Requests</b>	2009 Budget	Percent 2009 Budget	Estimated Percent Complete	MOU Deliverable Date	Date Delivered to CNF by SWCA			CNF Final Review & Acceptance
					1st Draft	2nd Draft	Final	
<b>Task 8 Cumulative Cost</b>								

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Wed Mar 25 2009 14:31:11 EDT  
**To:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**CC:** "teresa ann ciapusci" <tciapusci@fs.fed.us>; "reta laford" <rlafor@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "kent c ellett" <kellett@fs.fed.us>  
**Subject:** Update on Issue binder  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I spoke with TA. She approved our previous coversheet with minor edits. She has given me the following guidelines for the binder:

Label Issue Statements with letters for tracking- I am doing that in the order that they were previously presented for my work now. We need to make sure that their letters get added to the document.

Jeanine's signature page that I am creating is to have a checklist with all of the final issue statements as well as the Not Significant and Non-Issue themes for her approval. I will be sending her my draft for her to put on FS letterhead.

The binder will be like this:

Recommendations

Bev's letter

Signature page

Tracking Sheet

Table of Contents

Issues

All issue narratives in alpha order with

C&E worksheets and the

Theme worksheets in numerical that correspond together in one packet per issue

Not Significant

Coversheet

Wksht 1

Wksht 2

Wksht 4

Non-Issue

Coversheet

Wksht 1

Because of the time crunch on all that will be involved with getting all of the appropriate worksheets and forms created/completed, I have enlisted Victoria for help to meet our deadline.

Let me know if you have any thoughts. Thanks!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes



**From:** "dan brocius" <dbrocious@cfa.harvard.edu>  
**Sent:** Tue Jun 29 2010 18:19:26 EDT  
**To:** mroth@fs.fed.us  
**CC:** dkrig@fs.fed.us; dsibesta@fs.fed.us; sdavis@fs.fed.us; sshafiqullah@fs.fed.us; wkeyes@fs.fed.us; hschewel@fs.fed.us; temmett@fs.fed.us; gnckay@fs.fed.us; rifevre@fs.fed.us; aekok@fs.fed.us; abelaukas@fs.fed.us; ecuriel@fs.fed.us; mfarrell@fs.fed.us; wjillespie@fs.fed.us; ccleblanc@fs.fed.us; seanlockwood@fs.fed.us; jones02@fs.fed.us; cablair@fs.fed.us; beverson@fs.fed.us; pd\_r3\_coronado\_fit@fs.fed.us; ifurgason@swca.com; cbellavia@swca.com; jrjgg@swca.com; mroth@fs.fed.us  
**Subject:** RE: Fw:Rosemont Socio-Economic Presentation June 30th 9:30-11:00

**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Mindee:

I would like to attend.

Thank you.

Dan B.

-----Dan BrociusSmithsonian InstitutionWhipple ObservatoryP. O. Box 6369Amado, AZ 85645 USA520-670-5706 Voicemail520-670-5712 Fax  
Original messageFrom: "Melinda D Roth" To: brocius@base.sao.arizona.edu; cbeck@azdot.gov; Cindy\_Alvarez@blm.gov; daniel\_moores@blm.gov; d11@azdeq.gov; David\_Jacobs@azag.gov; falco@cfa.harvard.edu; g Fleming@asm1.a.gov; jmarques@ci.sahuarita.az.us; jmtanner@azwater.gov; julia.fonseca@pima.gov; jwindex@azgfd.gov; karen.howe@tonation-nsn.gov; lagrignano@azwater.gov; lee.allison@azgs.az.gov; Leslie.Ethen@tucsonaz.gov; LSwartzbaugh@asm1.a.gov; madan.singh@mines.az.gov; mark.harting@aztucs.ang.af.mil; Marjorie.E.Blaine@usace.army.mil; nicole.ewing-gavin@tucsonaz.gov; nicole.fyffe@pima.gov; ohenderson@ci.sahuarita.az.us; rcasavant@azstategparks.gov; rsejkoraa@azstategparks.gov; stahle@ci.sahuarita.az.us; TEMery@azdot.gov; tciapusci@fs.fed.usReceived: 6/24/2010 1:22:57 PMSubject: Fw:Rosemont Socio-Economic Presentation June 30th 9:30-11:00

Cooperating agencies and ID Team. This is a special topic and presentation at Wednesday's Core IDT meeting that you are invited to. Call me if you have questions. To be sure we have enough space, please drop me an email by Tuesday if you (and others from your agency) plan to attend. Thanks. Mindee RothCoronado National Forest300 W. Congress, FB42Tucson, AZ 85701(520) 388-8319(520) 396-0715 (cell)(520) 388-8305 (FAX)----- Forwarded by Melinda D Roth/R3/USDAFS on 06/24/2010 01:16 PM -----

Reta Laford/R3/USDAFS

06/24/2010 08:44 AM

To  
Melinda D Roth/R3/USDAFS@FSNOTES

cc  
Subject  
RSVP, Socio-Economic Presentation June 30th 9:30-11:00

RSVP. You are cordially invited to a socio-economic presentation by Thomas Michael Power's on Wednesday, June 30 from 9:30 to 11:00. The presentation will be held in the Federal Building at 300 W Congress Street, Room 4B. Information about Thomas Powers: Power Consulting has been applying the analytical tools of Natural Resource Economics and Regional Economics to public policy issues for almost 40 years. Water, energy, and environmental issues are intertwined in ways that required new approaches to regulation. Dr. Power, a Professor of Economics at The University of Montana and Chairman of the Economics Department for 30 years, focused his research and publications on these issues. Power Consulting has stayed focused on Natural Resource Economics and the intersection between natural resources and regional economic vitality. We focus on energy, mineral, water, land, and environmental resources, their efficient use, and the ways their use affects local economic vitality and well being. Reta LafordActing Forest SupervisorCoronado National ForestPhone: 520-388-8307.....

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Feb 12 2008 17:57:07 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "melissa reichard" <mreichard@swca.com>  
**Subject:** Rosemont Article in the Star  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Per the AZ Daily Star:

"New Rosemont study rebuts pro-mine data" <http://www.azstarnet.com/allheadlines/224658.php>

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Thu Mar 26 2009 16:13:46 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Issues & Themes  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

----- Forwarded by Sarah L Davis/R3/USDAFS on 03/26/2009 01:13 PM -----

Sarah L Davis/R3/USDAFS  
03/24/2009 04:43 PM

To  
Melissa Reichard <mreichard@swca.com>  
cc

Subject  
Re: Issues & Themes

61 and 15 look good. I will also bounce off our regional office staff person.

Thanks.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

Melissa Reichard <mreichard@swca.com>  
Sent by: rosemonteis <notify@weboffice.com>  
03/20/2009 11:39 AM

To  
kellett@fs.fed.us, Robert LeFevre <rlefevre@fs.fed.us>, Sarah Davis <sldavis@fs.fed.us>,

beverson@fs.fed.us, dkriegel@fs.fed.us, sshafiqullah@fs.fed.us, ljones02@fs.fed.us, Alan Belauskas <abelauskas@fs.fed.us>, William Gillespie <wgillespie@fs.fed.us>, wkeyes@fs.fed.us, Kendall Brown <kbrown03@fs.fed.us>, dsebesta@fs.fed.us, Eli Curiel <ecuriel@fs.fed.us>

cc

Teresa Ann Ciapusci <tciapusci@fs.fed.us>, Tom Furgason <tfurgason@swca.com>, Charles Coyle <cchoyle@swca.com>, Reta Laford <rlaford@fs.fed.us>, Melissa Reichard <mreichard@swca.com>

Subject

Issues & Themes

Hi All!

The Word versions of the Cause & Effect Worksheets and the Issue narratives are now uploaded. If you need any help with Track Changes, I have uploaded a Cheat Sheet in the References folder. Please let me know if you have any questions or issues with any of the documents. The assignments from the IDT meeting on Wednesday are as follows:

Bob Lefevre- 1,3 Air Pollution, 57 Riparian Vegetation, 65 Soils

Bill Gillespie- 14 Archaeology

Sarah Davis- 15,61 Socioeconomics/EJ, 25 Outdoor Lighting

Kendall Brown- 27,28 Livestock Grazing

Alan Belauskas- 31 Noise

Walt Keyes (assistance from Bev and/or Salek)- 52 Reclamation Plan, 74 Transportation, 80,89partial,90,93 Mine Area Groundwater, 92 Potential Pit Lake, 94 Storm Water Control

Debbie Kriegel- 56 Recreation, 84 Visual Resources, 101 Wilderness

Debby Sebesta- 69 Special Status Species, 79 Vegetation, 83,102,103,104,105 Wildlife Habitat

Eli Curiel- 91 Acid Rock Drainage

Thanks!

Mel

Here's something on Rosemont Copper Project EIS that I'd like you to see. To go directly to the item, click the link below or paste it into your web browser. Please note that some email clients require that all the letters and numbers in the link appear on one line, or else it won't go to the right place.

<<https://rosemonteis.webexone.com/r.asp?a=12&id=22832>>

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Thu Mar 26 2009 16:17:43 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Issues & Themes  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

----- Forwarded by Sarah L Davis/R3/USDAFS on 03/26/2009 01:14 PM -----

Sarah L Davis/R3/USDAFS  
03/23/2009 08:42 AM

To  
Melissa Reichard <mreichard@swca.com>  
cc

Subject  
Re: Issues & Themes

I reviewed this one and it is OK as is:

Outdoor Lighting #25

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

Melissa Reichard <mreichard@swca.com>  
Sent by: rosemonteis <notify@weboffice.com>  
03/20/2009 11:39 AM

To  
kellett@fs.fed.us, Robert LeFevre <rlefevre@fs.fed.us>, Sarah Davis <sldavis@fs.fed.us>,

beverson@fs.fed.us, dkriegel@fs.fed.us, sshafiqullah@fs.fed.us, ljones02@fs.fed.us, Alan Belauskas <abelauskas@fs.fed.us>, William Gillespie <wgillespie@fs.fed.us>, wkeyes@fs.fed.us, Kendall Brown <kbrown03@fs.fed.us>, dsebesta@fs.fed.us, Eli Curiel <ecuriel@fs.fed.us>

cc

Teresa Ann Ciapusci <tciapusci@fs.fed.us>, Tom Furgason <tfurgason@swca.com>, Charles Coyle <ccoyle@swca.com>, Reta Laford <rlaford@fs.fed.us>, Melissa Reichard <mreichard@swca.com>

Subject

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<<https://rosemonteis.webexone.com/r.asp?a=12&id=22832>>

**From:** "tom furgason, melissa reichard" <meetings@meetings.readytalk.com>  
**Sent:** Wed Jul 07 2010 15:28:58 EDT  
**To:** beverson@fs.fed.us  
**CC:**  
**Subject:** Meeting Invitation: US Army Corps of Engineers and Coronado National Forest Conference Call  
**Attachments:** poweredLogo.gif;eventHeaderImage.gif;register-now-button.gif;eventpage\_body\_bg.gif

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

[IMAGE]

## US Army Corps of Engineers and Coronado National Forest Conference Call

### Meeting Description:

All-

This conference call was originally scheduled by Marjorie Blaine and Mindee Roth to discuss the Rosemont Copper Project. An agenda will be sent later by the Coronado National Forest. There will be a Power Point presentation for part of the meeting. Therefore, SWCA has been asked to facilitate this through ReadyTalk.

Tom Furgason

Office Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ 85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

## Register for Event

### Date & Time

Date:

Thu, Jul 8, 2010

Time:

10:00 AM MST

Duration:

2 hours

Host(s):

Tom Furgason, Melissa Reichard

To opt-out of future email messages or to manage your email preferences please click [here](#) This email was sent to: [beverson@fs.fed.us](mailto:beverson@fs.fed.us) by Readytalk: 1598 Wynkoop Street Denver, Colorado 80202 USA

Powered by Readytalk

- eventpage\_body\_bg.gif - register-now-button.gif - eventHeaderImage.gif - poweredLogo.gif

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## Rosemont Copper Project EIS - 2009

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<b>Task 1. Management of the NEPA Process</b>								
1.1 Weekly Project Status Meetings				NA				
1.2 Proponent Status Meetings				NA				
1.3 Monthly Process Milestone Management				NA				
1.4 Other Meetings								
<b>Task 1 NTE</b>								
<b>Task 2. Cooperating Agency Process and Interdisciplinary Team Lead</b>								
2.1 Cooperating Agency Liaison								
2.2 Review of EIS for Forest Plan Consistency								
<b>Task 2 NTE</b>								
<b>Task 3. Management of Administrative Record</b>								
3.1 Quarterly compilation of AR								
3.2 Response to FOIA Inquiries				NA				
<b>Task 3 NTE</b>								
<b>Task 4. Scoping Summary</b>								
4.1 Scoping Process and Quantitative Results		100%	95%	Feb-09				
4.2 Content Analysis and Thematic Grouping of Issues		100%	95%	Feb-09				
4.3 Issue Statements and Issues to be Analyzed in Detail		75%	50%	Feb-09				
<b>Task 4 NTE</b>								
<b>Task 5. Detailed Technical Reports to Address Significant Issues</b>								
5.1 Issue 1 Water Resources	\$250,000							
5.2 Issue 2. Visual Resources	\$35,000			NA				
5.3 Issue 6. Biological Resources	\$38,000	30%	30%	NA				
5.4 Issue 7. Cultural Resources (inc.Ethnohistory Report)	\$116,000	25%	25%	NA				
<b>Task 5 NTE</b>								

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# Monthly EIS Documentation Report

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### TASK 6: EIS DOCUMENT

<b>Task 6.1 Chapter 1 - Introduction and Purpose and Need</b>								
6.1.1 Introduction				NA				
6.1.2 Document Organization				NA				
6.1.3 Project History and Background								
6.1.4 Purpose & Need for Action		100%	100%	Oct-08				
6.1.5 Regulatory Framework and Authorizing Actions				NA				
6.1.6 Issues Raised During Scoping				NA				
6.1.7 Interrelated Actions (Introduction & Past, Present,...)				NA				
Chapter 1 completed		30%	25%	Apr-09				
<b>Task 6.1 NTE</b>								

<b>Task 6.2 Chapter 2 - Alternatives Development</b>								
6.2.1 No Action Alternative								
6.2.2 Proposed Action		100%	85%	Oct-08				
6.2.3 Alternative 3				NA				
6.2.4 Alternative 4								
6.2.5 Alternatives Eliminated Alternatives				NA				
Alternatives Analysis Completed		0%	0%	Mar-09				
<b>Task 6.2 NTE</b>								

<b>Task 6.3 Chapter 3 - Affected Environment</b>								
6.3.1 Air Quality		25%	25%	Apr-09				
6.3.2 Hydrology								
6.3.3 Geology and Minerals		25%	25%	Apr-09				
6.3.4 Soils & Reclamation		25%	25%	Apr-09				
6.3.5 Biological Resources		10%	10%	Apr-09				
6.3.6 Cultural Resources		15%	15%	Apr-09				
6.3.7 Socioeconomics/EJ		30%	30%	Apr-09				
6.3.8 Visual Resources		15%	15%	Apr-09				
6.3.9 Transportation/Access		20%	20%	Apr-09				
6.3.10 Recreation		10%	10%	Apr-09				
6.3.11 Livestock and Grazing		5%	5%	Apr-09				
6.3.12 Land Use and Wilderness		5%	5%	Apr-09				
6.3.13 Noise		10%	10%	Apr-09				
6.3.14 Lighting		20%	10%	Apr-09				

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

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6.3.15 Hazardous Materials		0%	0%	Apr-09				
6.3.16 Public Health and Safety		20%	20%	Apr-09				
Chapter 3 AE Completed		15%	15%	Apr-09				
<b>Task 6.3 NTE</b>								

<b>Task 6.4 Chapter 3- Environmental Consequences</b>								
6.4.1 Air Quality		25%	25%	Aug-09				
6.4.2 Hydrology								
6.4.3 Geology and Minerals		25%	25%	Aug-09				
6.4.4 Soils & Reclamation		25%	25%	Aug-09				
6.4.5 Biological Resources		10%	10%	Aug-09				
6.4.6 Cultural Resources		15%	15%	Aug-09				
6.4.7 Socioeconomics/EJ		30%	30%	Aug-09				
6.4.8 Visual Resources		15%	15%	Aug-09				
6.4.9 Transportation/Access		20%	20%	Aug-09				
6.4.10 Recreation		10%	10%	Aug-09				
6.4.11 Livestock and Grazing		5%	5%	Aug-09				
6.4.12 Land Use and Wilderness		5%	5%	Aug-09				
6.4.13 Noise		10%	10%	Aug-09				
6.4.14 Lighting		0%	0%	Aug-09				
6.4.15 Hazardous Materials		20%	20%	Aug-09				
6.4.16 Public Health and Safety		20%	20%	Aug-09				
6.4.17 Monitoring and Mitigation		20%	20%	Aug-09				
6.4.18 Unavoidable Adverse Effects		20%	20%	Aug-09				
6.4.19 Short-term use/Long-term Prod.		20%	20%	Aug-09				
6.4.20 Irreversible/ Irrecoverable Commitment of Resources		20%	20%	Aug-09				
Chapter 3 EC Completed		15%	15%	Sep-09				
<b>Task 6.4 NTE</b>								

<b>Task 6.5 Chapters 4-9 and Appendices</b>								
Chapter 4. Consultation & Coordination		10%	10%	Sep-09				
Chapter 5. List of Preparers				Oct-09				
Chapter 6. References				NA				
Chapter 7. Acronyms and Abbreviations				NA				
Chapter 8. Glossary		0%	0%	NA				
Chapter 9. Index				NA				
<b>Task 6.5 NTE</b>								

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7.1 Administrative DEIS		0%	0%	Nov-09				
7.2 Team Review of Admin. DEIS								
7.3 Development of the DEIS								
<b>Task 7 NTE</b>								
<b>Total 2009 NTE</b>								

<b>Task 8: CNF Out-of-Scope Requests</b>	2009 Budget	Percent 2009 Budget	Estimated Percent Complete	MOU Deliverable Date	Date Delivered to CNF by SWCA			CNF Final Review & Acceptance
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<b>Task 8 Cumulative Cost</b>								

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri Mar 27 2009 18:59:48 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlafor@fs.fed.us>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Monthly Tracking Sheet process rev\_032709.xls  
**Attachments:** Monthly Tracking Sheet process rev\_032709.xls

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached is the revised monthly tracking sheet.

Tom - Monthly Tracking Sheet process rev\_032709.xls

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Apr 07 2009 13:48:36 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
alan belauskas/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;arthur s  
elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby  
kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george  
mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;john  
**CC:** able/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c  
ellett/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mary m  
farrell/r3/usdafs@fsnotes;mriecharl@swca.com;reta laford/r3/usdafs@fsnotes;robert  
lefevre/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;teresa ann ciapucci/r3/usdafs@fsnotes;turgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Rosemont IDT meeting tomorrow  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We will be meeting tomorrow at 9:00 in 4B. We will be developing alternatives, so it should be an interesting day.

Please note the meeting time, as I told a couple of people that the meeting would start at 8:30. We'll be going to 4:30.

Also, core team, please plan on Wednesday meetings for the rest of the month. We'll continue to work on alternatives after tomorrow's meeting.

Thanks, everyone.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Tue Apr 07 2009 17:36:39 EDT  
**To:** ""beverley a everson" <beverson@fs.fed.us>; ""salek shafiqullah" <sshafiqullah@fs.fed.us>; ""roger d congdon" <rcongdon@fs.fed.us>; ""rebecca miller" <rebecca.a.miller@us.mwhglobal.com>; ""toby leeson" <toby.leeson@us.mwhglobal.com>; ""stone, claudia" <cstone@srk.com>; ""howell, roger" <rhowell@srk.com>; ""cope, larry" <lcope@srk.com>; ""hale barter" <hbarter@elmontgomery.com>; ""jim davis" <jdavis@elmontgomery.com>; ""mark myers" <mmyers@elmontgomery.com>; ""juliet mckenna" <jmckenna@elmontgomery.com>; ""melissa reichard" <mreichard@swca.com>  
**CC:** ""tom furgason" <tfurgason@swca.com>; ""charles coyle" <ccoyle@swca.com>  
**Subject:** Reschedule for Next Rosemont Groundwater Conference Calls  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Due to a conflict with a groundwater symposium in Tucson the second April Rosemont groundwater conference calls are rescheduled as follows:

Original Date: Tuesday, April 21

New Date: Tuesday, April 28

The calls will be held at the normal times of 12:30PM for the West Side Groundwater and 2:00 PM for the East Side Groundwater.

Regards,

Dale

---

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

Reschedule for Next Rosemont Groundwater Conference Calls

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

**From:** tom furgason <meetings@meetings.readytalk.com>  
**Sent:** Tue Jul 20 2010 16:06:56 EDT  
**To:** beverson@fs.fed.us  
**CC:**  
**Subject:** Meeting Invitation: CNF and ACOE Compensatory Mitigation Discussion  
**Attachments:** add-meeting-to-calendar-button.gif;phone.gif;eventHeaderImage.gif;poweredLogo.gif;code.gif;eventpage\_body\_bg.gif

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

[IMAGE]

## CNF and ACOE Compensatory Mitigation Discussion

You have been invited to a ReadyTalk Meeting hosted by Tom Furgason. All the information you need to join is below.

Dial-In Information  
[IMAGE]

U.S. & Canada: 866.740.1260

[IMAGE]

Access Code: 9550668

## Meeting Description:

All-

We are still on for a meeting tomorrow at 1:00 to discuss the U.S. Army Corps of Engineers requirements for compensatory mitigation for the Individual Permit. I'm not sending an agenda because the meeting is intended to focus on identifying required mitigation so that it can be incorporated into Chapter 2 of the EIS.

NOTE: We will be using SWCA's conference number and there will be no web presentation.

Tom Furgason

Office Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ 85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

## Date & Time

Date:  
Wed, Jul 21, 2010

Time:  
01:00 PM MST

Duration:  
1 hour

Host(s):  
Tom Furgason

[Add Meeting to Your Calendar](#)  
[Lotus Notes Help](#)

## ReadyTalk Support Information

For technical support:  
U.S. and Canada: 800.843.9166  
International: 303.209.1600  
Email: [help@readytalk.com](mailto:help@readytalk.com)  
Web: Conferencing Support

To opt-out of future email messages or to manage your email preferences please click [here](#) This email was sent to: [beverson@fs.fed.us](mailto:beverson@fs.fed.us) by Readytalk: 1598 Wynkoop Street Denver, Colorado 80202 USA

Powered by Readytalk

- eventpage\_body\_bg.gif - code.gif - poweredLogo.gif - eventHeaderImage.gif - phone.gif - add-meeting-to-calendar-button.gif

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smt  
**Sent:** Thu Apr 02 2009 16:04:33 EDT  
**To:** sleslie@swca.com  
**CC:** debby kriegel/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;ccoyle@swca.com;tfurgason@swca.com  
**Subject:** Proposed Rosemont Mine - Recreation Analysis  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Steve:

Thanks for your help with the issue statement worksheet for recreation and the chapter 3 outline.

We should discuss what your next few steps will be. I'm assuming you're familiar with the MPO and Reclamation Plan. What else do you need?

Some other assorted thoughts related to recreation...

1. We have GIS files for recreation sites (including developed sites, trailheads, sightseeing routes, etc.), ROS settings, and trails for the Santa Ritas. Do you already have this data? You also may want topo, roads, land ownership, wilderness, etc. You'll want to create a recreation resources map for the vicinity to determine which opportunities (including the many places mentioned by the public), are potentially effected by the project. Since your analysis will also include off-forest sites (tourism in nearby communities, other nearby public lands, etc.), you'll also want this data, though I don't know if we have much.
2. At our meeting this week, Kathy Arnold (RCC) mentioned that she has a map of noise limits for the project. I recommend that you get this info and overlay it onto the map from step 1.
3. A portion of the Arizona Trail has been relocated by RCC to avoid the project area. We have a GIS file for this trail, but I'm doubtful that it's the current route, and although I can ask our folks to GPS this trail, it's far from certain whether they'll have time to do so. What do you recommend?
4. I have heard that the Arizona Trail has been nominated as a National Scenic Trail. Would you please look into the status of this bill...and what typically results from such a designation? (I'm guessing there will be increased use)
5. Do you have any ideas for estimating the types and numbers of visitors to the site? It'd be nice to have something better than just an exhaustive list of all the possible dispersed recreation activities that might happen in the area. For example, ADOT's road counters on Hwy 83 might be helpful (this data is on their website). Also, I think I remember that Keith Graves (the past Nogales District Ranger) was handing out flyers to OHV visitors at the site. Would you please give him a call to discuss whether he received any input or data from this? Keith's number is (520) 403-4528. Are hunting permits site-specific (and therefore provide additional data)? Perhaps you have other ideas for quantifying use.
6. I don't know what recreation special use permittees operate in the Santa Ritas (or in the project area). Please call our special uses person, Duane Bennett at (520) 378-2838 to get information.
7. When do you plan to draft the Affected Environment section for recreation? Do you want/need to visit the project area?
8. At our meeting this week we began discussing alternatives. Do you have any thoughts on alternatives (or mitigation) for recreation?

Would you please provide a rough strategy for your work (steps/tasks, schedule, etc.) using the issue statements and worksheet, items above, and any additional thoughts you have? That would be a good start for our further discussions.

Thanks!

Debby Kriegel, RLA  
Landscape Architect

Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
dkriegel@fs.fed.us



**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Mon Apr 06 2009 08:55:10 EDT  
**To:** ""beverley a everson" <beverson@fs.fed.us>;""salek shafiqullah" <sshafiqullah@fs.fed.us>;""roger d congdon" <rcongdon@fs.fed.us>;""stone, claudia" <cstone@srk.com>;""cope, larry" <lcope@srk.com>;""jim davis" <jdavis@elmontgomery.com>;""hale barter" <hbarter@elmontgomery.com>  
**CC:** ""charles coyle" <ccoyle@swca.com>;""tom furgason" <tfurgason@swca.com>;""melissa reichard" <mreichard@swca.com>  
**Subject:** Rosemont East Side Groundwater Conference Call - 4/7/09  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

## East Side Groundwater Conference Call Agenda

Time: 2:00 PM (Arizona Time)

Date: 4/7/09

Conf. Call Number: 866-866-2244

Code: 9550668#

### Agenda:

1. Attendee Introduction – Each attendee to announce their name so Melissa can get a role for the Admin Record
2. SWCA Input – SWCA representative to give any pertinent input and follow-up from last conference call
3. Montgomery Update– Montgomery representative to give progress update and any other pertinent information
4. SRK Input – SRK representative to give any pertinent input
5. CNF Input – CNF representative to give any pertinent input
6. Open Discussion
7. Action Items

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Feb 14 2008 16:57:12 EST  
**To:** "tom furgason" <tfurgason@swca.com>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: Scoping Displays and Staffing  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

To follow up on this, although my name is not on this list I intend to be at all of the meetings as a "floater" moving from area to area as needed. John MacIvor will also serve in this capacity.

Tom

---

From: Tom Furgason  
Sent: Thursday, February 14, 2008 10:47 AM  
To: 'Beverley A Everson'  
Cc: Melissa Reichard  
Subject: Scoping Displays and Staffing

Bev,

Attached is a table with a list of the displays/stations that we are proposing for the scoping meeting. We'd like to get your approval, additions, or deletions at your earliest convenience so that we can begin creating the displays. I have also included a couple of columns for CNF and SWCA team staff. I took a guess at how I think that the CNF might staff the scoping meetings, but there are some blanks for you to fill in. Please let me know when we can proceed with creating the displays.

Tom

<< File: Display Staff.doc >>

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Fri Apr 03 2009 14:44:08 EDT  
**To:** "debby kriegel" <dkriegel@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** RE: Rosemont - Issue Statements for Recreation, Visual Impacts, and Wilderness  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Debby-

I got them. Thank you! Everything still has to undergo all the final editing and formatting, so yes all the issue narratives will be ironed out.

Thanks again for being so thorough!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Debby Kriegel [mailto:dkriegel@fs.fed.us]  
Sent: Thursday, April 02, 2009 12:07 PM  
To: Melissa Reichard; Beverley A Everson  
Subject: Rosemont - Issue Statements for Recreation, Visual Impacts, and Wilderness

Attached are edited versions of these 3 Word documents (now they will match the worksheets).

I noticed that in my spiral bound "Issue Recommendations" book, the 2nd page of the Recreation worksheet is missing. There should be three (3) 11"x17" pages. Is this true in other copies?

Melissa: Would you please check punctuation (mainly the commas, "and"s, and periods at the end of each bulleted statement), fix the missing 2nd bullet in the Recreation document under indirect effects (for some reason it wouldn't let me put a bullet here), and re-file these on WebEx?

Thank you!

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress

Tucson, AZ85701  
(520) 388-8427  
Fax (520) 388-8305  
dkriegel@fs.fed.us

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Thu Apr 09 2009 19:30:24 EDT  
**To:** sshafiqullah@fs.fed.us; beverson@fs.fed.us; dsebesta@fs.fed.us; tfurgason@swca.com; klgraves@fs.fed.us; dkriegel@fs.fed.us; wkeyes@fs.fed.us  
**CC:**  
**Subject:** Comments by Govt Agencies  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here's something on Rosemont Copper Project EIS that I'd like you to see. To go directly to the item, click the link below or paste it into your web browser. Please note that some email clients require that all the letters and numbers in the link appear on one line, or else it won't go to the right place.

<<https://rosemonteis.webexone.com/r.asp?a=5&id=142901>>

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Fri Apr 10 2009 15:22:19 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** Alternatives Concepts brainstormed  
**Attachments:** Concept.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Per your request

Melissa Reichard  
Project Administrator  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
(520)325-9194, (520)325-2033 fax

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RE: Please review 'Cause and Effect Worksheet\_14\_Archaeology'

**From:** william b gillespie/r3/usdafs;nsf;wgillespie@fs.fed.us;smt  
**Sent:** Thu Mar 26 2009 16:44:49 EDT  
**To:** mreichard@swca.com  
**CC:** mary m farrell/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**Subject:** RE: Please review 'Cause and Effect Worksheet\_14\_Archaeology'  
**Attachments:** Cause and Effect Worksheet\_14\_Archaeology.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I've reviewed the attached document.

My one comment I added to the table, and will copy and paste here:

I suggest combining the four separate Ground Vibration causes. The effects are the same; the specific source is inconsequential; and this is a relatively minor issue compared to the first one. In addition, of the examples given, VR Ranch would be buried under waste rock, so effects from vibration are especially trivial.  
WBG

William Gillespie, Archaeologist  
Coronado National Forest  
300 W Congress  
Tucson AZ 85701  
Phone 520-388-8392  
FAX 520-388-8305

- Cause and Effect Worksheet\_14\_Archaeology.doc

Fw: Give priority to Rosemont Schedule over fire assignments

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Apr 13 2009 15:39:38 EDT  
alan belauskas/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;arthur s  
elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby  
kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george  
**To:** mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;john  
able/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c  
ellett/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mary m  
farrell/r3/usdafs@fsnotes;mriecharl@swca.com;reta laford/r3/usdafs@fsnotes;robert  
lefevre/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;turgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** Fw: Give priority to Rosemont Schedule over fire assignments  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Team,

Below is a message that Jeanine asked me to forward to all of you.

Thanks.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 04/13/2009 12:38 PM -----

Jeanine Derby/R3/USDAFS  
04/10/2009 04:38 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Reta Laford/R3/USDAFS@FSNOTES  
Subject  
Give priority to Rosemont Schedule over fire assignments

Thanks to everyone for the top notch job of evaluating issues and compiling them into to a reasonable set for the analysis. Also thanks for your preliminary work in considering structure of alternatives. Now that fire season is starting, I just want to remind key Rosemont players that if called for a fire assignment please clear it with Bev and only take the assignment if it would not delay the schedule for the Rosemont Project. Again, thanks for all the competent work on this project.

Jeanine Derby, Forest Supervisor  
Coronado National Forest  
phone: 520 388-8306  
FAX: 520 388-8305

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Mon Apr 13 2009 18:16:26 EDT  
**To:** "charles coyle" <ccoyle@swca.com>; "tom furgason" <tfurgason@swca.com>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "teresa ann ciapusci" <tciapusci@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>  
**Subject:** Mary Farrell out of scope work  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I just got a call from Mary Farrell because she wanted to know what Suzanne needed to get an out-of-scope tribe to a site visit. I told her that SWCA needs a letter from the FS documenting her request for an additional service. I also told her that I wasn't sure about the entire process on her end. So, I wanted to give everyone a heads up. I was also thinking that maybe we could come up with a process that I could post on WebEx as a reminder to all the specialists. Let me know what you think. Also, should someone follow up on this with Mary?

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

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**From:** "parker, jeff jj" <jeff.parker@bhpbilliton.com>  
**Sent:** Tue Mar 10 2009 17:08:26 EDT  
**To:** <karnold@rosemontcopper.com>; "bingham, evelyn el"  
<evelyn.el.bingham@bhpbilliton.com>; <taldrich@asarco.com>; <ned\_hall@fmi.com>; <allen\_cooper@fmi.com>; <derek.wittwer@amec.com>; <pete.kowalewski@tetrattech.com>; <jamie.joggerst@tetrattech.com>; <droth@m3eng.com>  
**CC:** <Iskaer@nwma.org>; <tim@nevadamining.org>; <sydney.hay@azcu.org>; <mii@mii.org>; <kbennett@nma.org>; <beverson@fs.fed.us>; <dkriegel@fs.fed.us>; <jsturgess@augustaresource.com>  
**Subject:** Re: Help on Operations and Reclamation Examples  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Kathy

Certainly the heap leach at San Manuel would fall into this category.

Regards

Jeff

Jeff J. Parker  
Manager Sustainability & External Affairs  
Southwest Copper  
520.219.3524 office  
520.419.2590 cell

Message originated from my blackberry.

From: Kathy Arnold  
To: Parker, Jeff JJ; Bingham, Evelyn EL; Tom Aldrich (TAldrich@asarco.com) ; Ned Hall (Ned\_Hall@FMI.com) ; Al Cooper (Allen\_Cooper@fmi.com) ; Wittwer, Derek ; pete.kowalewski@tetrattech.com ; Joggerst, Jamie ; droth@m3eng.com  
Cc: Iskaer@nwma.org ; tim@nevadamining.org ; Sydney.Hay@azcu.org ; mii@mii.org ; kbennett@nma.org ; Beverley A Everson ; dkriegel@fs.fed.us ; Jamie Sturgess  
Sent: Tue Mar 10 15:38:25 2009  
Subject: Help on Operations and Reclamation Examples

All –

I received a call from the visual resource specialist who is reviewing our project during an EIS. She is a landscape architect that is specifically interested in any land sculpting techniques that should be reviewed during the alternatives analysis for waste rock and tailings facilities.

I am hoping that you may be able to point me at either some good reports (or pictures)that address operating practices incorporating closure concepts up front or good examples of reclamation techniques that have incorporated land sculpting in closure designs.

Our project: As some of you know, ours is a fairly large facility and we will be managing just under 2 billion tons of material in waste rock and tailings facilities so some of the "boutique" closure options will not be appropriate for our facility. We are also located in the desert southwest with infrequent but high intensity rainfall which makes water management an important component of the reclamation. In addition we are incorporating filtered tailings into our operations so tailings deposition will be via conveyor rather than by pipeline. We are planning concurrent reclamation practices on 3:1 slopes and had planned on using a landform grading techniques.

In any case any help you may be able to give me would be greatly appreciated. I can be reached at the numbers below.

Regards,

Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@rosemontcopper.com

Rosemont Copper Company

P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Mon Nov 23 2009 17:03:35 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Rosemont - Action Items from May 7 meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We never received the oblique aerial photo mentioned in item 3. Is it possible to obtain this?

----- Forwarded by Debby Kriegel/R3/USDAFS on 11/23/2009 03:01 PM -----

Debby Kriegel/R3/USDAFS  
05/07/2009 02:27 PM

To  
jlyndes@sagelandscape.com, kavid.krizek@tetrattech.com, Beverley A Everson/R3/USDAFS@FSNOTES,  
tfurgason@swca.com, mbidwell@swca.com, Salek Shafiqullah/R3/USDAFS@FSNOTES  
cc  
Debby Kriegel/R3/USDAFS@FSNOTES  
Subject  
Rosemont - Action Items from May 7 meeting

Action items from the flipchart at today's meeting:

1. Meeting in 3 weeks (tentative date = morning of June 4th)  
Progress meeting  
Sage & Tetra Tech to provide modified proposed action: stormwater, reclamation plan, and visual work  
USFS will provide Feedback  
Sage will provide examples of other simulation projects
2. SWCA will provide Tetra Tech and Sage with (1) KOP GPS points ASAP, and (2) Evaluation Criteria and Affected Environment in 3 weeks
3. Tetra Tech will provide the USFS (Salek) and SWCA with new survey topo (2' contours) and oblique aerial photos by May 15
4. USFS will provide Tetra Tech and Sage with Concern Level 1 & 2 travelways by May 15
5. USFS will provide desired condition for project area by May 15

Thanks everyone!

Tom: Please forward this to Dale...I don't have his email address.

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

cancellation of meeting tomorrow; please keep other dates open

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Apr 14 2009 15:54:02 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
alan belauskas/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;arthur s  
elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby  
kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george  
**CC:** mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;john  
able/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c  
ellett/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mary m  
farrell/r3/usdafs@fsnotes;mriecharl@swca.com;reta laford/r3/usdafs@fsnotes;robert  
lefevre/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;teresa ann ciapucci/r3/usdafs@fsnotes;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** cancellation of meeting tomorrow; please keep other dates open  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Jeanine is asking Rosemont Copper Company to review all alternatives, alternative elements, and mitigation suggested to date (including those that the team put together last week, those developed through the brainstorming with the company a couple of weeks ago, and those suggested by the public during scoping) and then make determinations on the feasibility of the alternatives and mitigation, and then, explain how they would address the feasible ideas.

Because of this change in strategy, we do not need to meet tomorrow. I'm hoping that the company will be prepared to present their findings to the IDT on the 22nd, and if so, we will meet then for the presentations in the morning, and an internal review of the company's findings in the afternoon. This meeting is mandatory for the core team, and optional for the extended team. Please also hold the 29th open for a meeting to further discuss alternatives.

Thanks everyone, and sorry for the late notice on the cancelled meeting.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Beverley A Everson/R3/USDAFS  
04/13/2009 12:39 PM

To  
Alan Belauskas/R3/USDAFS@FSNOTES, Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S  
Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com, Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby

Kriegel/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES, Heidi Schewel/R3/USDAFS@FSNOTES, Janet Jones/R3/USDAFS@FSNOTES, John Able/R3/USDAFS@FSNOTES, Keith L Graves/R3/USDAFS@FSNOTES, Kendall Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mriechar@SWCA.com, Reta Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, Salek Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami Emmett/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES

cc  
Beverley A Everson/R3/USDAFS@FSNOTES

Subject

Fw: Give priority to Rosemont Schedule over fire assignments

Hi Team,

Below is a message that Jeanine asked me to forward to all of you.

Thanks.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 04/13/2009 12:38 PM -----

Jeanine Derby/R3/USDAFS  
04/10/2009 04:38 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Reta Laford/R3/USDAFS@FSNOTES  
Subject  
Give priority to Rosemont Schedule over fire assignments

Thanks to everyone for the top notch job of evaluating issues and compiling them into to a reasonable set for the analysis. Also thanks for your preliminary work in considering structure of alternatives. Now that fire

cancellation of meeting tomorrow; please keep other dates open

season is starting, I just want to remind key Rosemont players that if called for a fire assignment please clear it with Bev and only take the assignment if it would not delay the schedule for the Rosemont Project. Again, thanks for all the competent work on this project.

Jeanine Derby, Forest Supervisor  
Coronado National Forest  
phone: 520 388-8306  
FAX: 520 388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Apr 15 2009 13:34:35 EDT  
**To:** "deborah k sebesta" <dsebesta@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "ken kertell" <kkertell@swca.com>; "geoff soroka" <gsoroka@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Biological Assessment  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Debbie,

I just wanted to let you know the status of the preparation of the Biological Assessment for the proposed action. For now, we are assuming that the Action Area is the footprint of all of the mine facilities (pit, waste rock, tailings, processing, etc.), utility lines, and access roads. We have received the PPC, LLNB, and agave survey reports from Westland and have begun drafting the BA. We are expecting the Chircahua leopard frog survey report soon. Based on our understanding of the area, we are addressing four species in the BA: LLNB, PPC, Chircahua leopard frog, and MSO. All but the MSO have been documented as occurring in the Action Area. We are not considering impacts to Cienega Creek and any species that it may support because we lack sufficient hydrologic studies to make this determination at this time. We will revise the report accordingly if it is determined that the mine would result in impacted Cienega Cr.

I know that there was a lot of discussion about obtaining a consultation number for the proposed Rosemont Mine. Do you know if this has occurred? For now, we are relying on the species list from the USFWS web page. However, we'd like to site any correspondence with UFWS to date.

Also, how would you like for SWCA to handle FS and BLM Sensitive Species, AGFD WSCA, PimaCounty's HCP species, etc.? We could prepare a large wildlife specialists report evaluating all of these or we could prepared separate reports and tech memos for each agency/jurisdiction. I'd appreciate any direction that you could provide on this.

I'd like to point out that we are aware that we may need to prepare BA's for each of the action alternative, but we'd really would like to get the BA into USFWS to engage them as soon as possible. Any assistance with this would be greatly appreciated. Thanks.

Tom

Program Director

SWCA Environmental Consultants

(520) 325-9194 Office

(520) 820-5178 Cell

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Apr 15 2009 14:33:32 EDT  
**To:** "deborah k sebesta" <dsebesta@fs.fed.us>  
"beverley a everson" <beverson@fs.fed.us>; "geoff soroka" <gsoroka@swca.com>; "ken kertell"  
**CC:** <kkertell@swca.com>; "melissa reichard" <mreichard@swca.com>; "larry jones" <ljones02@fs.fed.us>; "richard a gerhart" <rgerhart@fs.fed.us>  
**Subject:** RE: Biological Assessment  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks for getting back to me Debbie. Geoff sent a MBTA report a while ago for your review. This report covers many neotropical, but we can add more species if you feel that the MBTA list leaves out any that are important to the Forest. Otherwise, we'll track the alternatives and see if we need to revise the report as alternatives are developed.

As for the MIS, we have a good start on the report, but we need to wait for the alternatives to be developed before we complete that document.

We have not contacted other agency biologists yet. We need to wait to see which will be cooperating agencies and go from there. We'll talk to the BLM when they sign the MOU and officially become a cooperating agency. I suspect that we will have most of the MOUs signed by the other cooperating agencies by the end of next month, but that is just a guess on my part.

I agree about Cienega Creek and we are keeping it in the back of our minds, but we need some data to support the determination and nature of any potential impacts..

Tom

From: Deborah K Sebesta[mailto:dsebesta@fs.fed.us]  
Sent: Wednesday, April 15, 2009 11:13 AM  
To: Tom Furgason  
Cc: Beverley A Everson; Geoff Soroka; Ken Kertell; Melissa Reichard; Larry Jones; Richard A Gerhart  
Subject: Re: Biological Assessment

Tom,

As far as I know no one has received a USFWS consultation number. I don't think you need one in order to submit the BA to them; at least I never do. They assign it after they receive the BA.

Are you also going to address FS MIS and neotropical migratory birds? I think you need separate reports for these plus the BA and BE. You know more about writing the reports for BLM and the state and county but I think their reports should be separate documents. Have you been in contact with their biologists?

Do you have access to the AZGFD Heritage Database? If not, I can find out how you can get access.

I think you will eventually need to assess impacts to Cienega Creek. Has the BLM had any involvement in the project? It might be wise to contact them.

Debbie Sebesta, District Biologist  
Coronado National Forest  
Nogales Ranger District  
303 Old Tucson Road  
Nogales, AZ 85624  
Voice: 520-761-6009  
Cell: 520-260-7702  
Fax: 520-281-2396  
E-mail: dsebesta@fs.fed.us

"Tom Furgason" <tfurgason@swca.com>

04/15/2009 10:34 AM

To

"Deborah K Sebesta" <dsebesta@fs.fed.us>

cc

"Beverley A Everson" <beverson@fs.fed.us>, "Ken Kertell" <kkertell@swca.com>, "Geoff Soroka" <gsoroka@swca.com>, "Melissa Reichard" <mreichard@swca.com>

Subject

Biological Assessment

Debbie,

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I know that there was a lot of discussion about obtaining a consultation number for the proposed Rosemont Mine. Do you know if this has occurred? For now, we are relying on the species list from the USFWS web page. However, we'd like to site any correspondence with UFWS to date.

Also, how would you like for SWCA to handle FS and BLM Sensitive Species, AGFD WSCA, Pima County's HCP species, etc.? We could prepare a large wildlife specialists report evaluating all of these or we could prepared separate reports and tech memos for each agency/jurisdiction. I'd appreciate any direction that you could provide on this.

I'd like to point out that we are aware that we may need to prepare BA's for each of the action alternative, but we'd really would like to get the BA into USFWS to engage them as soon as possible. Any assistance with this would be greatly appreciated. Thanks.

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Program Director  
SWCA Environmental Consultants  
(520) 325-9194 Office  
(520) 820-5178 Cell

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Apr 15 2009 16:47:00 EDT  
**To:** "larry jones" <ljones02@fs.fed.us>  
"beverley a everson" <beverson@fs.fed.us>; "deborah k sebesta" <dsebesta@fs.fed.us>; "geoff soroka" <gsoroka@swca.com>; "ken kertell" <kkertell@swca.com>; "melissa reichard" <mreichard@swca.com>; "richard a gerhart" <rgerhart@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: Biological Assessment  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Larry,

I think that we covered this before, but we will need to treat analysis of each of the alternatives equally. This probably means a set of tech documents for each alternative. We'll have to see where the alternative development takes us, but we may need more than one BA.

You are correct that the USFWS will likely only consult on the preferred alternative. However, the Line Officer does not need to ID a preferred prior to publication of the FEIS. This leaves us in a bit of a conundrum if we are to disclose impacts to the public in the DEIS. Therefore, we should at the very least have some consultation history in the DEIS. If it turns out that the FWS will only issue a BO for the preferred alt, then we need to have them state this for the Admin Record before the DEIS goes out. We should also document in the Admin Record that the FWS would not review BA's for other alternatives if that is what they decide. Ideally, we'd have hard copy letters for all of this. In my opinion, it is in the interest of the FS to clearly demonstrate your efforts in working with the FWS. As far as I know they still have not responded to the invitation to be a cooperating agency, nor did they respond to the scoping letter. I expect that they will respond to a request for formal consultation.

I'll let Geoff know that you have some additional info on MIS. Thanks!

Tom

From: Larry Jones [mailto:ljones02@fs.fed.us]  
Sent: Wednesday, April 15, 2009 1:23 PM  
To: Tom Furgason  
Cc: Beverley A Everson; Deborah K Sebesta; Geoff Soroka; Ken Kertell; Melissa Reichard; Richard A Gerhart; Reta Laford; Beverley A Everson  
Subject: RE: Biological Assessment

Tom et al.--

Another deliberative set of comments here. Playing a little catchup...is there a Migratory Bird Treaty Act report I could look at? Also, the reports you mention from WestLand? I saw on your trailing message that you are going to write a BA for each alternative? From my limited experience, the FWS only wants to see the Biological Assessment for the preferred alternative, but internally we do analysis of the affected environment in a Specialist Report or similar. But if a draft BA with each alternative addressed is the way it was decided to go, that is probably alright, as long as the final BA to FWS only has preferred alternative.

I'm sure Debbie is right about the fact that we don't need a consultation number...and I'm unaware of any number being assigned, but I would think Debbie would know that.

On the MIS front, we recently got some good info from our regional office on how to prepare MIS reports "the right way", based on what comes up in litigation. I can see if I have those powerpoints saved somewhere. There was also a powerpoint on what to put into MBTA report. I'm also curious what is going on with Rosemont Talussnail, as WestLand implied the taxon is not valid, but I haven't seen the arguments and supporting documentation, and I think we are supposed to follow ITIS and/or NatureServe for taxonomic issues. Is this info in a document that can be shared with us?

Larry Jones  
Wildlife, Fish, and Rare Plants  
Coronado National Forest  
300 W Congress  
Tucson, AZ85701

520-388-8375  
ljones02@fs.fed.us

"Tom Furgason" <tfurgason@swca.com>

04/15/2009 11:33 AM

To

"Deborah K Sebesta" <dsebesta@fs.fed.us>

cc

"Beverley A Everson" <beverson@fs.fed.us>, "Geoff Soroka" <gsoroka@swca.com>, "Ken Kertell" <kkertell@swca.com>, "Melissa Reichard" <mreichard@swca.com>, "Larry Jones" <ljones02@fs.fed.us>, "Richard A Gerhart" <rgerhart@fs.fed.us>

Subject

RE: Biological Assessment

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Sent: Wednesday, April 15, 2009 11:13 AM

To: Tom Furgason

Cc: Beverley A Everson; Geoff Soroka; Ken Kertell; Melissa Reichard; Larry Jones; Richard A Gerhart

Subject: Re: Biological Assessment

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Debbie Sebesta, District Biologist  
Coronado National Forest  
Nogales Ranger District  
303 Old Tucson Road  
Nogales, AZ 85624  
Voice: 520-761-6009  
Cell: 520-260-7702  
Fax: 520-281-2396  
E-mail: dsebesta@fs.fed.us

"Tom Furgason" <tfurgason@swca.com>

04/15/2009 10:34 AM

To

"Deborah K Sebesta" <dsebesta@fs.fed.us>

cc

"Beverley A Everson" <beverson@fs.fed.us>, "Ken Kertell" <kkertell@swca.com>, "Geoff Soroka" <gsoroka@swca.com>, "Melissa Reichard" <mreichard@swca.com>

Subject

Biological Assessment

Debbie,

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Tom

Program Director  
SWCA Environmental Consultants  
(520) 325-9194 Office  
(520) 820-5178 Cell

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Wed Apr 15 2009 16:54:30 EDT  
**To:** larry jones <ljones02@fs.fed.us>  
**CC:** debbie sebesta <dsebesta@fs.fed.us>; beverley everson <beverson@fs.fed.us>; reta laford <rlaford@fs.fed.us>; melissa reichard <mreichard@swca.com>  
**Subject:** Technical Documents  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Larry,

All three of Westland's reports have been posted on WebEx: <<https://rosemonteis.webexone.com/r.asp?a=12&id=22989>>

Tom

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Wed Apr 15 2009 17:22:06 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Rosemont Mine- visual report update  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Marcie just sent this email, which includes verbage documenting the fact that she is really just getting started on her work (I highlighted in red). Is this sufficient for our files?

----- Forwarded by Debby Kriegel/R3/USDAFS on 04/15/2009 02:15 PM -----

"Marcie Bidwell" <mbidwell@swca.com>  
04/15/2009 01:54 PM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>, "Charles Coyle" <ccoyle@swca.com>, "Tom Furgason"  
<tfurgason@swca.com>  
cc

Subject  
Rosemont Mine- visual report update

Debby,  
Great working together today~ as we discussed, I will start processing the visual analysis maps and other immediate agenda items in support of Affected Environment immediately. I am looking forward to diving in full-throttle to make progress on the immediate items. I am invigorated to finally have the full go-ahead to make progress with the scope finally approved and signed.

Also, I will work with Tom and Charles to see if we can arrange for meetings the week of May 6th in Tucson for face-to-face working sessions, key observation point selection, site tour, and other working meetings.

I am including Tom and Charles on this email to keep them in the loop as to what my process will be and how we are tracking (1) current scope items and (2) additional items that you are working to have funded.

I will follow this email to all of you with a summary that shows committment of hours from the approved scope of work to each of the Visual Resource Proposal items.

Tom and Charles,  
In moving the visual assessment forward, I will be calling you to discuss Visual and GIS tasks involved (and

staff resources) that were included within the Visual Technical Report process. I will call to discuss the following:

1. Visual study- Charles was anticipating that RCC would deliver a visual product of some sort- I would like to find out more about what and when.
2. GIS visual mapping- I can do it here or if you would prefer Tucson do it, lets discuss
3. Site Tour- Debby and I would like to document KOPs and do some more exploration; I would like to coordinate this with you and any other potential tour coming up.
4. Review of the strategy attached and how SWCA's scope and schedule will guide this process.

The spreadsheet attached is the working version of the visual assessment process that Debby and I have fleshed out; The letter is a draft that Debby has written for Bev and Rita to take to RCC regarding additional visual research that she would like included in the process that is currently beyond our scope. These items are flagged in the spreadsheet as "N" for NO under "Witing Current Contract" on the strategy spreadsheet. My next step is to match hours to items on the strategy that will represent (1) EIS budget tasks and (2) Visual Technical Report.

Thanks! Hope to see you all soon~  
Marcie

From: Debby Kriegel [mailto:dkriegel@fs.fed.us]  
Sent: Wednesday, April 15, 2009 2:32 PM  
To: Marcie Bidwell  
Cc: Debby Kriegel  
Subject: Rosemont Mine

Marcie,

Thanks for taking time to discuss the project with me today. I look forward to seeing progress and products in the near future!

2 items are attached: the latest strategy and draft text for a letter from our Forest Supervisor to Rosemont. Let me know if you have comments on either item. I'll need your comments on the letter within the next day or two.

After making some initial contacts, I was referred to others who might have experience or helpful information. Please call each of these folks and ask about good mine reclamation and land sculpting examples. And please follow up on any leads you have as well!

ASLA Reclamation and Restoration Professional Interest Group.

Diane Tafoya, Forest Service Geologist, Southwest Regional Office, (505) 842-3275. She probably has experience with many projects, but one mentioned was the El Chaete Pumice mine on the Santa Fe and her work with Bill Kraussman, who helped with SMS work.

Maria McGaha, Forest Service Environmental Engineer, Southwest Regional Office, (505) 842-3837. Maria has worked on mine reclamation projects.

Holly Fliniau, USDA, (303) 275-5547. Worked on a project called Reilly Pass mine, which may have good examples.

Mike Dunn, Forest Service Minerals Specialist, Rocky Mountain Region, (303) 275-5101. He may know of mines with good land sculpting, including Henderson mine and Climax mine. He also may refer you to Paul Simmer or Dan Lovato (landscape architect)...the field folks on these projects.

Donna Kim (414-297-3613) and Bill Mains (815-423-6370), both Forest Service folks from Region 8.

They've worked on big scale mountain top mining projects on the Monongahela NF in West Virginia. Also contact Mary Frye, the landscape architect there, at 404-347-3357.

Bill Kraussman, Forest Service Geometromics Group Leader, Southwest Regional Office, (505) 842-3846. Bill might have some good tips on visibility analysis, modeling, mines, and reclamation.

Debby Kriegel, RLA

Fw: Rosemont Mine- visual report update

Landscape Architect  
Coronado National Forest  
(520) 388-8427  
dkriegel@fs.fed.us

[attachment "Visual\_Resource\_Proposal\_2009-04-15.xls" deleted by Debby Kriegel/R3/USDAFS] [attachment "RosemontLtr041309.doc" deleted by Debby Kriegel/R3/USDAFS]

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Thu Apr 16 2009 11:33:25 EDT  
**To:** tfurgason@swca.com;beverley a everson/r3/usdafs@fsnotes;ccoyle@swca  
**CC:**  
**Subject:** Rosemont - Wilderness Person with SWCA  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I understand that the issue statements for Recreation and Wilderness may be combined. This is probably ok, since there is some overlap between the two topics.

I can't remember whether there is an SWCA person designated to work on the Wilderness analysis yet. Please refresh my memory if I'm simply spacing this info.

Steve Leslie is currently assigned as the recreation specialist. This morning he told me that he has good experience with Wilderness (he was a wilderness planner with a BLM unit that managed 22 wildernesses). I suggest that he be designated the SWCA person to deal with both topics.

Is this possible?

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri Apr 17 2009 17:36:04 EDT  
**To:** <dkriegel@fs.fed.us>; "marcie bidwell" <mbidwell@swca.com>  
**CC:** "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>; "beverley a everson" <beverson@fs.fed.us>  
**Subject:** FW: Tailings Siting Study  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Debbie,

Per my message, attached is the tailings study that I mentioned. This may provide some useful information for brainstorming alternatives. The appendix has the digital terrain models that may be useful to consider when determining the KOPs that you would like us to use in the analysis. Have a good weekend.

Tom

From: Joggerst, Jamie [mailto:Jamie.Joggerst@tetrattech.com]  
Sent: Thursday, April 09, 2009 10:58 AM  
To: Tom Furgason  
Cc: Kathy Arnold  
Subject: Tailings Siting Study

Tom,

Kathy asked me to provided you with the Tailings Siting Study completed in 2006. The document can be found on Rosemont's website (see below). However, we just realized that Tables 3-3 and 3-4 were accidentally left out from the document on the website. So the tables are attached.

<http://www.rosemontcopper.com/MPO/4RosemontTailingsSitingStudy.pdf>

Kathy also mentioned that you were looking for a DTM of Sycamore and SchofieldCanyon. Does that mean you want topographic contours?

Thanks

Jamie Joggerst | Geotechnical Engineer

Phone: 520-297-7723 | Fax: 520-297-7724 | Cell: 520-820-7775

jamie.joggerst@tetrattech.com

Tetra Tech

3031 West Ina Road | Tucson, AZ85741 | [www.tetrattech.com](http://www.tetrattech.com)

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

Re: Tuesday meeting

**From:** tfurgason@swca.com  
**Sent:** Mon Apr 20 2009 17:16:15 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "john able" <jable@fs.fed.us>; "teresa ann ciapusci" <tciapusci@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; mreichard@swca.com; jmacivor@swca.com; ccoyle@swca.com; "dale ortman" <daleortmanpe@live.com>  
**CC:**  
**Subject:** Re: Tuesday meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev, Yes, the SWCA conference line is open. Participants need to call 866-866-2244, participant code 9550668#. We'll send our agenda items for your consideration in a later email. Tom

Sent from my Verizon Wireless BlackBerry

From: Beverley A Everson  
Date: Mon, 20 Apr 2009 13:19:20 -0700  
To: John Able<jable@fs.fed.us>; Teresa Ann Ciapusci<tciapusci@fs.fed.us>; Reta Laford<rlaford@fs.fed.us>; <tfurgason@swca.com>; <mreichard@swca.com>; <jmacivor@swca.com>; <ccoyle@swca.com>; <daleortmanpe@live.com>  
Subject: Tuesday meeting

Let's plan on a conference call at 9:30 for tomorrow. Can we use SWCA's conference line?

Also, please give me your agenda items.

Thanks.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Tue Apr 21 2009 16:16:55 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Rosemont IDT meeting tomorrow  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I plan to attend. Which information should I bring with me?

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

Beverley A Everson/R3/USDAFS  
04/21/2009 12:50 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Alan Belauskas/R3/USDAFS@FSNOTES, Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S  
Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com, Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby  
Kriegel/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, Eli  
Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES, Heidi Schewel/R3/USDAFS@FSNOTES,  
Janet Jones/R3/USDAFS@FSNOTES, John Able/R3/USDAFS@FSNOTES, Keith L  
Graves/R3/USDAFS@FSNOTES, Kendall Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES,  
Larry Jones/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mriechar@SWCA.com, Reta  
Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, Salek  
Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami  
Emmett/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter  
Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES  
Subject  
Re: Rosemont IDT meeting tomorrow

We will be meeting in 4B tomorrow to work on more alternative discussion. The meeting starts at 9:00 and will go until about 2:30, with an hour lunch break from 11:30 to 12:30. This meeting is not mandatory for the extended team, but your contribution to the discussion would be welcomed.

Thank you.

Bev

Re: Rosemont IDT meeting tomorrow

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smt  
**Sent:** Wed Nov 18 2009 14:11:53 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** melinda d roth/r3/usdafs@fsnotes  
**Subject:** Fw: Rosemont Mine - Information Needs  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev: I just spoke with Tom Furgason about a couple of things, and I mentioned that Horst will need these 3 items (see next message). Tom thought that you might have this data, and if not, he thinks Rosemont should be able to provide it. Do you have this stuff? Or can you ask Kathy to provide it? We will need it before Dec 9. Thanks. Debby

----- Forwarded by Debby Kriegel/R3/USDAFS on 11/18/2009 12:07 PM -----

"Horst" <hjschor@jps.net>  
11/16/2009 07:17 PM

To  
""Debby Kriegel"" <dkriegel@fs.fed.us>  
cc

Subject  
RE: Rosemont Mine - Information Needs

Debby,

At this point in time I have all the information I need prior to our upcoming meetings. Whatever Deb can find I will look at when I am there on my fact finding mission.

The most important documents I will need at that time is in large scale:

1. The topographic map (or maps) of the area to be mined and some of the surrounding topo – in particular downstream
2. An aerial photo to the same scale as the topo map
3. The grading plan for the proposed mine tailings/overburden structure (same scale)

The first two I need to familiarize myself with the geomorphology of the area in question to understand what is there now, the third one to better understand how the current mine plans impact that geomorphology.

I am sure that Rosemont has had the entire area flown and has detailed, large scale (1:100/1:200/1:400 scale?) topographic maps and photos prepared in order to do their exploration and mine plans. So they

should all be available from them. We should not have to buy any maps or photos.

The hydrology impacts I would like to discuss with your hydrologist and the geotechnical data I should be able to find out from Tetra Tech if I can meet with these folks. I would prefer to meet with each specialty group separately rather than in one mass meeting where one cannot focus in depth on a given issue and it just ties up everybody else's time.

The first such meeting should be with your agency and probably SWCA.

Horst

From: Debby Kriegel [mailto:dkriegel@fs.fed.us]  
Sent: Monday, November 16, 2009 7:57 AM  
To: hjschor@jps.net  
Subject: Rosemont Mine - Information Needs

Horst,

We want to ensure that you have all the materials you requested to get familiar with the site and the proposed mine. As you know, many items are available on the web at <http://www.rosemonteis.us/>

Please read Bev's message below, and let me know what else you need before your first visit. Bev will hopefully provide additional information about aerial photos.

The vast majority of public comments have been against the mine. We have reports of public comments for each resource/issue if you'd like to review them. There is a report for visual quality.

Of course, we will provide an overview of the project on your first day here.

Thanks!

~~~~~  
Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

----- Forwarded by Debby Kriegel/R3/USDAFS on 11/16/2009 08:38 AM -----

Beverley A Everson/R3/USDAFS  
11/13/2009 01:28 PM

To  
Debby Kriegel/R3/USDAFS@FSNOTES  
cc

Subject

information for Horst

Hi Deb,

Per our discussion just now, I understand that there are several things that Horst has asked for relative to his visit to Tucson and understanding of the project and you're not sure how to respond to the request. Here are some suggestions, in italics.

Information requested includes the following:

Maps of the existing topography and hydrology, aerial photos, mine grading and drainage plans and proposals, available geologic and soils maps and any geotechnical reports and findings, EIS documents and anything else that would help him formulate a picture of the situation and to arrive at possible alternative approach concepts to it. Refer him to MPO and technical reports available at Rosemont's website and on ours for most of this information. You can give him a list of quads that cover the project area, and let him purchase what he needs. As for aerial photos, there is an R.O. specialist who knows where these can be purchased, and which ones he will need...I'll see if I can find this information for you, as I helped one of Rosemont's consultants find the info several months ago.

Also:

1. A brief history of events that led to the current stage (project area has a long history of mineral exploration and small scale mining, with interest in the Rosemont or deposit by large mining companies beginning in the 1960s; Rosmont's MPO was submitted in July 2007, and EIS analysis begun in March 2008.
2. The mine proponent's position regarding his proposal (what does he mean by this? Do we need to ask him to contact the company?)
3. A summary of the various inputs both pro and con that have been received so far - summarize for him and refer him to public comments on the website
4. The local, regional, state and federal agency positions and politics of this proposed project - refer him to public comments on the websit and to the list of cooperating agencies that are involved. May want to explain our lack of discretion on the No Action alternative.

I'll get you a list of the cooperating agencies.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Apr 21 2009 15:50:26 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
alan belauskas/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;arthur s  
elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby  
kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george  
mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;john  
**CC:** able/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c  
ellett/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mary m  
farrell/r3/usdafs@fsnotes;mriecharad@swca.com;reta laford/r3/usdafs@fsnotes;robert  
lefevre/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Re: Rosemont IDT meeting tomorrow  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We will be meeting in 4B tomorrow to work on more alternative discussion. The meeting starts at 9:00 and will go until about 2:30, with an hour lunch break from 11:30 to 12:30. This meeting is not mandatory for the extended team, but your contribution to the discussion would be welcomed.

Thank you.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Re: Tribal Tours

**From:** mary m farrell/r3/usdafs;nsf;mfarrell@fs.fed.us;smtp  
**Sent:** Tue Apr 21 2009 19:37:07 EDT  
**To:** beverley a everson/r3/usdafs  
**CC:** "tom furgason" <tfurgason@swca.com>;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Re: Tribal Tours  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

works for us, see you then.

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

Beverley A Everson/R3/USDAFS  
04/21/2009 04:28 PM

To  
"Tom Furgason" <tfurgason@swca.com>, William B Gillespie/R3/USDAFS@FSNOTES, Mary M  
Farrell/R3/USDAFS@FSNOTES  
cc

Subject  
Re: Tribal Tours

How about 10:00 Friday morning? Bill and Mary, please let Tom and I know if this time won't work for you. Otherwise, Tom, we'll see you then.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Tom Furgason" <tfurgason@swca.com>  
04/21/2009 03:52 PM

To  
"Beverley A Everson" <beverson@fs.fed.us>  
cc

Subject  
Tribal Tours

Bev,

Suzanne, Jerome, and I are available any time this Friday at our office. Please let me know when we can expect you.

Tom

Program Director  
SWCA Environmental Consultants  
(520) 325-9194 Office  
(520) 820-5178 Cell

RE: Tribal Tours

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Apr 21 2009 20:01:42 EDT  
**To:** "mary m farrell" <mfarrell@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "william b gillespie" <wgillespie@fs.fed.us>; "jerome hesse" <jhesse@swca.com>; "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: Tribal Tours  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks Mary. We'll see you Friday.

Tom

From: Mary M Farrell [mailto:mfarrell@fs.fed.us]  
Sent: Tuesday, April 21, 2009 4:44 PM  
To: Beverley A Everson  
Cc: Tom Furgason; William B Gillespie  
Subject: Re: Tribal Tours

works for us, see you then.

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

Beverley A Everson/R3/USDAFS

04/21/2009 04:28 PM

To

RE: Tribal Tours

"Tom Furgason" <tfurgason@swca.com>, William B Gillespie/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES

cc

Subject

Re: Tribal ToursLink

How about 10:00 Friday morning? Bill and Mary, please let Tom and I know if this time won't work for you. Otherwise, Tom, we'll see you then.

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Tom Furgason" <tfurgason@swca.com>

04/21/2009 03:52 PM

To

"Beverley A Everson" <beverson@fs.fed.us>

cc

Subject

Tribal Tours

Bev,

Suzanne, Jerome, and I are available any time this Friday at our office. Please let me know when we can expect you.

Tom

Program Director  
SWCA Environmental Consultants  
(520) 325-9194 Office  
(520) 820-5178 Cell

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Mon Apr 27 2009 20:13:31 EDT  
**To:** reta laford/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes;john  
able/r3/usdafs@fsnotes;tfurgason@swca.com;jmacivor@swca.com;ccoyle@swca.com;mreichard@swca.com  
**Subject:** Video Conference with FS Alaska Region re electronic records  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

You are invited to attend the video conference call with our Alaska Region re electronic record keeping. They've been to court and have made their records work. It is scheduled for our office Room 6V6 on Friday, May 8 from 9:00-1:00 pm.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Thu Apr 02 2009 15:06:31 EDT  
**To:** mreichard@swca.com;beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Rosemont - Issue Statements for Recreation, Visual Impacts, and Wilderness  
**Attachments:** Issue\_statement\_84\_visual\_impact.doc;Issue\_statement\_56\_recreation.doc;Issue\_statement\_101\_wilderness.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Attached are edited versions of these 3 Word documents (now they will match the worksheets).

I noticed that in my spiral bound "Issue Recommendations" book, the 2nd page of the Recreation worksheet is missing. There should be three (3) 11"x17" pages. Is this true in other copies?

Melissa: Would you please check punctuation (mainly the commas, "and"s, and periods at the end of each bulleted statement), fix the missing 2nd bullet in the Recreation document under indirect effects (for some reason it wouldn't let me put a bullet here), and re-file these on WebEx?

Thank you!

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
dkriegel@fs.fed.us

## **Consideration Of Cumulative Impacts In EPA Review of NEPA Documents**

**U.S. Environmental Protection Agency, Office of Federal Activities (2252A)  
EPA 315-R-99-002/May 1999**

### **1. INTRODUCTION**

The combined, incremental effects of human activity, referred to as cumulative impacts, pose a serious threat to the environment. While they may be insignificant by themselves, cumulative impacts accumulate over time, from one or more sources, and can result in the degradation of important resources. Because federal projects cause or are affected by cumulative impacts, this type of impact must be assessed in documents prepared under the National Environmental Policy Act (NEPA). The purpose of this guidance is to assist EPA reviewers of NEPA documents in providing accurate, realistic, and consistent comments on the assessment of cumulative impacts. The guidance focuses on specific issues that are critical in EPA's review of NEPA documents under Section 309 of the Clean Air Act. While there is no "cookbook" method of assessing cumulative impacts, the guidance offers information on what issues to look for in the analysis, what practical considerations should be kept in mind when reviewing the analysis, and what should be said in EPA comments concerning the adequacy of the analysis.

The assessment of cumulative impacts in NEPA documents is required by Council on Environmental Quality (CEQ) regulations (CEQ, 1987). Cumulative impacts, however, are not often fully addressed in NEPA documents due to the difficulty in understanding the complexities of these impacts, a lack of available information on their consequences, and the desire to limit the scope of environmental analysis. To improve how cumulative impacts are assessed in environmental impact analysis, CEQ developed a handbook entitled "Considering Cumulative Effects under the National Environmental Policy Act" (CEQ 1997). CEQ's handbook offers the most comprehensive and useful information to date on practical methods for addressing cumulative effects in NEPA documents. Consequently, the concepts presented in the handbook serve as the foundation for this guidance. Reviewers are urged to use this guidance and the CEQ handbook simultaneously.

The guidance has four sections including this introduction. Section 2 *What are Cumulative Impacts* briefly summarizes the definition and basic concepts used in this guidance. Section 3 *EPA's Review of Cumulative Impacts* addresses several fundamental questions concerning EPA's review of cumulative effects in a NEPA analysis. Section 4 *Major Review Areas* discusses several of the key areas that should be considered to adequately analyze cumulative impacts and offers practical suggestions on how to prepare comments to address cumulative impacts in NEPA documents. References are cited in a bibliography.

### **2. WHAT ARE CUMULATIVE IMPACTS?**

Cumulative impacts result when the effects of an action are added to or interact

with other effects in a particular place and within a particular time. It is the combination of these effects, and any resulting environmental degradation, that should be the focus of cumulative impact analysis. While impacts can be differentiated by direct, indirect, and cumulative, the concept of cumulative impacts takes into account all disturbances since cumulative impacts result in the compounding of the effects of all actions over time. Thus the cumulative impacts of an action can be viewed as the total effects on a resource, ecosystem, or human community of that action and all other activities affecting that resource no matter what entity (federal, non-federal, or private) is taking the actions . Consistent with the CEQ regulations (CEQ, 1987), effects and impacts are used synonymously in the guidance.

CEQ's regulations (CEQ, 1987) explicitly state that cumulative impacts must be evaluated along with the direct effects and indirect effects of each alternative. By mandating the consideration of cumulative impacts, the regulations ensure that the range of actions that is considered in NEPA documents includes not only the project proposal but also all actions that could contribute to cumulative impacts. Federal agencies prepare cumulative impact analysis using different terms and approaches. To avoid arguing over semantic differences, EPA reviewers should avoid conflicts over terminology and pursue a common sense approach. The concept of cumulative impacts as total impacts provided above is meant to facilitate discussion in this document, but it is not intended to replace other usages that meet the intent of good cumulative effects analysis.

### **3. EPA'S REVIEW OF CUMULATIVE IMPACTS**

This section addresses fundamental questions concerning EPA's review of cumulative impact analysis in NEPA documents.

#### **Q. How should EPA review cumulative impacts analyses in NEPA documents?**

A. The assessment of cumulative impacts is not substantially different from the assessment of direct or indirect impacts. The same type of considerations are made to determine the environmental consequences of the alternatives for direct, indirect, or cumulative impacts. One possible difference is that cumulative impact assessment entails a more extensive and broader review of possible effects. Reviewers should recognize that while no "cookbook" approach to cumulative impacts analysis exists, a general approach is described in the CEQ handbook. As with the review of direct or indirect impacts, EPA review of cumulative impacts analysis is most effective if done early in the process, especially in the scoping phase.

Federal agencies have the responsibility of determining how and the extent to which cumulative impacts are assessed in NEPA documents and documenting that effort. In reviewing the analysis, the EPA reviewer should determine if the information presented is commensurate with the impacts of the project, i.e., a greater degree of detail is needed for more potentially serious impacts. In addition, in making its rating determinations, EPA will consider cumulative

impacts when determining the environmental impact of the action and the adequacy of the analysis. EPA comments should identify significant cumulative impacts that may affect resources of concern and suggest mitigation measures that will avoid or minimize adverse effects to the environment. While this guidance emphasizes the effects of projects on ecological resources, other resources and areas that should be considered include socioeconomic resources, human health, recreation, quality of life issues, and cultural and historical resources.

**Q. Should EPA reviewers expect that cumulative impact analysis be done in all NEPA documents?**

A. NEPA documents do not necessarily require cumulative impact assessments in every case. However, EPA expects that the action agency consider whether cumulative impacts is a significant issue that should be addressed every time a NEPA document is prepared. NEPA documents in this context includes both environmental assessments and environmental impact statements. As with most NEPA assessments, the analysis should be commensurate with the project's impacts and the resources affected. In all phases of the cumulative impact assessment, EPA should ensure that the level of analysis and scope are commensurate with the potential impacts, resources affected, project scale, and other factors. While projects that have long-lasting and widespread effects in environmentally sensitive areas should receive close scrutiny, some projects may not require in-depth consideration of cumulative impacts. For example, small scale projects that have minimal impacts that are of short-duration would not likely contribute significantly to cumulative impacts.

**Q. Can cumulative impacts be the basis for adverse ratings?**

A. Cumulative impacts that result in significant impacts can be the basis for adverse ratings. EPA will consider cumulative impacts when determining the rating for the environmental impacts of the proposed project. Ratings should be based on the overall environmental impact of the proposed project or action, which includes cumulative impacts. When the NEPA document does not contain sufficient information, the determination of potential, total project impacts may be based on other documents, information, or on-site surveys. In these situations, the reviewer should identify the source of information that is the basis for EPA comments including those related to cumulative impact analysis.

**Q. Should EPA comments suggest mitigation measures to address cumulative impacts?**

A. The EPA's manual on reviewing and commenting on federal actions under NEPA and section 309 of the Clean Air Act (EPA, 1984) states that EPA's comments should include mitigation measures "...to avoid or minimize damage to the environment, or to protect, restore, and enhance the environment". It is appropriate for EPA comments to include recommendations for mitigation that address the cumulative impacts of the project. The comments should suggest a range of mitigation that addresses differing sources of the cumulative impacts. At

a minimum, the mitigation should address the proposed project's contribution to the cumulative impacts. In addition, it is appropriate to suggest mitigation to address cumulative impacts that are caused by activities other than the proposed project. For example, mitigation could include forming partnerships among the different governmental agencies and private organizations to work on environmental restoration when those entities have contributed to cumulative impacts over a long period of time. It is important to note that EPA suggestions for mitigation are not necessarily constrained by whether the action agency has jurisdiction to implement the measures but the measures should be realistic and technically feasible.

**Q. Do EPA reviewers have to prove that cumulative impacts are occurring if the issue of cumulative impacts is raised by a proposed project?**

A. Ultimately, the action agency is responsible for determining whether cumulative impacts will occur. However, EPA reviewers should provide enough information in their comments to show the likelihood that cumulative impacts will occur. In order to make the case that the NEPA documents should include cumulative impact analysis, EPA comments need only to show the potential for cumulative impacts to occur, not absolute proof that such impacts will take place. EPA reviewers should use existing data to support an argument for considering cumulative impacts in the document.

**4. MAJOR REVIEW AREAS**

Several key areas of information should be considered by EPA reviewers in determining whether the cumulative impacts assessment in a NEPA document is adequate. These areas, as described below, expand on the approach presented in the CEQ handbook. Each subsection presents background information on one of five areas and offers guidance on what EPA reviewers should look for in the assessment of cumulative impacts.

**4.1 Resources and Ecosystem Components**

EPA Review Approach

In reviewing cumulative impacts analysis, EPA reviewers should focus on the specific resources and ecological components that can be affected by the incremental effects of the proposed action and other actions in the same geographic area. EPA reviewers should determine whether the NEPA analysis has identified the resources and ecosystem components cumulatively impacted by the proposed action and other actions. The reviewer can determine which resources are cumulatively affected by considering:

- (1) whether the resource is especially vulnerable to incremental effects;
- (2) whether the proposed action is one of several similar actions in the same geographic area;
- (3) whether other activities in the area have similar effects on the resource;
- (4) whether these effects have been historically significant for this resource; and
- (5) whether other analyses in the area have identified a cumulative effects

concern.

Three documents that can provide useful information when considering important resource components include the 1993 EPA report, "Habitat Evaluation: Issues in Environmental Analysis Review", the 1993 CEQ report, "Incorporating Biodiversity Considerations Into Environmental Impact Analysis Under the National Environmental Policy Act", and the 1994 EPA report "Evaluation of Ecological Impacts from Highway Development".

Cumulative impacts can affect a broad array of resources and ecosystem components. In addition to considering the biological resources that are the staple of NEPA analysis, examples of other resources that should be considered include historic and archaeological sites, socioeconomic services and issues, and community structure and character. While a broad consideration of resources is necessary for the adequate assessment of cumulative impacts, the analysis should be expanded for only those resources that are significantly affected. In similar fashion, ecosystem components should be considered when they are significantly affected by cumulative impacts. The measure of cumulative effects is any change to the function of these ecosystem components.

#### Discussion

NEPA documents generally consider only a limited number of resources that may be potentially affected by cumulative impacts. In addition, assessments of impacts to biological resources generally have been limited to selected game species, federally or state listed threatened and endangered species, and wetlands habitats. These approaches are too limited and should be expanded to consider other valuable resources which could be affected, while also considering a broader array of potential effects.

As an example, federal assessment and mitigation for the loss of wetlands often focus primarily on the acreage affected rather than the function of the wetland within the broader ecosystem. In such a case, the impact to the wetland might not be deemed significant if the wetland had no immediate wildlife values or other notable characteristics. However, by expanding the assessment to consider the full array of wetland functions and their importance with a broader context, cumulative impacts could be more fully assessed. For example, important functions to focus on could include the wetlands' role as a nursery for recreationally and/or commercially valuable aquatic species; its ability to minimize downstream flooding; and its ability to improve water quality. To ensure the inclusion of the resources that may be most susceptible, cumulative impacts can be anticipated by considering where cumulative effects are likely to occur and what actions would most likely produce cumulative effects. A framework for this consideration for forested areas is modified from Bedford and Preston (1988). Certain types of forests are more likely to be affected by cumulative effects as described by the following examples:

- 1) forests downwind from major sources of air pollution that contain plant organisms that are susceptible to ozone and other airborne pollutants;
- 2) forested areas lower in a watershed because they are often closer to development and pollutants follow the movement of water;
- 3) forests that are susceptible to fragmentation because, with increasing fragmentation, areas will have a large perimeter in relation to their area; and
- 4) areas experiencing development pressure.

Resources of concern may also be identified by considering actions that alter ecological processes and therefore can be expected to produce cumulative effects. Changing hydrologic patterns, for example, is likely to elicit cumulative effects. Bedford and Preston (1988) offered the following alterations that would likely initiate cumulative effects in wetlands or watersheds:

- 1) changes in sediment transport;
- 2) alteration of discharge and retention rates of water;
- 3) changes in velocity of water moving through the system;
- 4) disposal of organic pollutants where uptake is controlled by biological processes;
- 5) disposal of chemicals that easily separate from sediment and other materials to which they are attached; and
- 6) filling of wetlands that results in increased pollutant loadings.

The NEPA document should identify which resources or ecosystem components of concern might be affected by the proposed action or its alternatives within the project area. Once these resources have been identified, consideration should be given to the ecological requirements needed to sustain the resources. It is important that the NEPA document consider these broader ecological requirements when assessing how the project and other actions may cumulatively affect the resources of concern. Often these ecological requirements may extend beyond the boundaries of the project area, but reasonable limits should be made to the scope of the analysis.

*NEPA Example: Several examples exist of agency NEPA documents that have included a thorough consideration of resources. The Supplemental Information Report for the Trail Creek Timber Sale, Wisdom Ranger District, Beaverhead National Forest, MT was prepared by the Forest Service (Forest Service, 1991) to consider two important resources (ecosystem components) that were not included in the FEIS for the project. The two resources were (1) the value of the Trail Creek area as a biological corridor between adjacent wilderness and roadless areas and (2) the biodiversity of the Trail Creek area and surrounding lands as it might be affected by habitat fragmentation. The report considered potential impacts in the context of the natural disturbance process, such as fire and insects, that have continually altered the distribution and abundance of mature forest and associated wildlife and plant species in the Trail Creek area since the retreat of the Pleistocene glaciers about 10,000 years ago.*

*Ecosystem processes at the landscape level have traditionally been overlooked, but are now considered among the resources most likely to be affected cumulatively by multiple activities. The Forest Service and other agencies are now applying an ecosystem approach to many NEPA analyses to better consider these resources. Other examples include the Draft Supplemental EIS on Management of Habitat for Late-Successional and Old-Growth Forest Related Species (Forest Service and BLM, 1993) and the current Draft EISs for the Interior Columbia Basin Management Project (Forest Service and BLM, 1997). The Federal Highway Administration (1996) is also beginning to apply an analogous system approach to the impact assessment of human communities.*

## **4.2 Geographic Boundaries and Time Period**

### EPA Review Approach

Geographic boundaries and time periods used in cumulative impact analysis should be based on all resources of concern and all of the actions that may contribute, along with the project effects, to cumulative impacts. Generally, the scope of analysis will be broader than the scope of analysis used in assessing direct or indirect effects. To avoid extending data and analytical requirements beyond those relevant to decision making, a practical delineation of the spatial and temporal scales is needed. The selection of geographic boundaries and time period should be, whenever possible, based on the natural boundaries of resources of concern and the period of time that the proposed action's impacts will persist, even beyond the project life. EPA reviewers should determine whether the NEPA analysis has used geographic and time boundaries large enough to include all potentially significant effects on the resources of concern. The NEPA document should delineate appropriate geographic areas including natural ecological boundaries, whenever possible, and should evaluate the time period of the project's effects.

### Discussion

Spatial and temporal boundaries should not be overly restricted in cumulative impact analysis. Agencies tend to limit the scope of their analyses to those areas over which they have direct authority or to the boundary of the relevant management area or project area. This is often inadequate because it may not cover the extent of the effects to the area or resources of concern. The most common temporal scope is the life of the project. This may not be appropriate if the effects last longer than the project's useful life.

The EPA reviewer can determine an appropriate spatial scope of the cumulative impact analysis by considering how the resources are being affected. This determination involves two basic steps:

- (1) identifying a geographic area that includes resources potentially affected by the proposed project and
- (2) extending that area, when necessary, to include the same and other resources affected by the combined impacts of the project and other actions.

In practice, the areas for several target species or components of the ecosystem can often be captured by a single ecoregion or watershed. For example, an impact assessment for a forest plan modification may have to be expanded beyond its administrative forest management unit. Instead, the scope of the assessment might consider the entire watershed for the area covering portions of wilderness areas, national or state parks, other federal lands, and private holdings. Boundaries would be based on the resources of concern and the characteristics of the specific area to be assessed. Examples include stream sections important for salmonid feeding or spawning that are within or downstream of the administrative unit; maintenance of disturbance patterns to ensure structural and functional integrity of regional forests; and biological corridors and wildlife habitat that connect public and private lands. For practical purposes, ecological boundaries may need to be combined with political boundaries to adequately delineate the assessment area.

*NEPA Example: The Final Supplemental EIS on Management of Habitat for Late-Successional and Old-Growth Forest Related Species (Forest Service and BLM, 1994) is an important example of study boundaries combining administrative units with natural regions. The planning area for the EIS included all lands administered by the Forest Service and the Bureau of Land Management within the range of the northern spotted owl. This species range matched well with the ecosystem consisting of late-successional and old-growth forest in the region.*

EPA reviewers should recommend that the proper spatial scope of the analysis include geographic areas that sustain the resources of concern. Importantly, the geographical boundaries should not be extended to the point that the analysis becomes unwieldy and useless for decision-making. In many cases, the analysis should use an ecological region boundary that focuses on the natural units that constitute the resources of concern. Three examples of classifications of ecological regions that may be useful for large geographic areas include Omernik's EPA ecoregions (Omernik, 1989), Bailey's Forest Service ecoregions (Bailey, 1978), and the USGS hydrologic units or watersheds. The Natural Resources Conservation Service uses delineated areas termed Major Land Resources Areas that are based on soil types, climate, geology, topography, and hydrology. For non-ecological resources, other geographic areas, such as historic districts (for cultural resources) or metropolitan areas (for economics), should be used.

*NEPA Example: The Draft EIS on the Special Area Management Plan (SAMP) for the Hackensack Meadowlands District, NJ (EPA and Army Corps of Engineers, 1995) is another example of creating a study area that considers both political boundaries and natural boundaries for both management utility and resource relevance. The plan covers an area with 14 municipalities in two counties that are experiencing continual pressure for development. Prepared by the U.S. EPA, U.S. Army Corps of Engineers, and Hackensack Meadowlands Development Commission, the draft EIS assesses the cumulative impacts of*

*development scenarios within an area that includes 8,500 acres of wetlands that, because of their position in the landscape, "perform a number of significant ecological functions and support a diverse community of associated wildlife."*

Determining the temporal scope requires estimating the length of time the effects of the proposed action will last. More specifically, this length of time extends as long as the effects may singly, or in combination with other anticipated effects, be significant on the resources of concern. At the point where the contribution of effects of the action, or combination of all actions, to the cumulative impact is not significant the analysis should stop. Because the important factor in determining cumulative impact is the condition of the resource (i.e., to what extent it is degraded), analysis should extend until the resource has recovered from the impact of the proposed action.

For example, an impact assessment of ground water withdrawals to cool power plant turbines should go beyond determining whether the capacity of the aquifer is adequate to provide water for the life of the power plant. The analysis should also consider the long-term effects of lowering the aquifer level. Should municipal drinking water and agricultural irrigation withdrawals increase in the future, the cumulative effect of the power plant withdrawals may lower aquifer levels to the point where, at predictable intervals in the future, droughts will eliminate all supply. The NEPA document may, therefore, have to consider time periods beyond the life of the power plant.

*NEPA Example: The Final Supplemental EIS on Management of Habitat for Late-Successional and Old-Growth Forest Related Species (Forest Service and BLM, 1994) looked sufficiently forward in time to address the probability of restoring or maintaining sustainable ecosystem conditions. The forest draft EIS determined that previous alterations to the regional ecosystem prevented a return to presettlement landscape condition or recovery of aquatic resources within the next 100 years, but that the selected alternative would reverse a 50-year trend toward degradation.*

There are no set or required formulas for determining the appropriate scope of the cumulative impact analysis. Both geographic boundaries and time periods need to be defined on a case-by-case basis. Determining the boundaries and periods depends on the characteristics of the resources affected, the magnitude and scale of the project's impacts, and the environmental setting. In practice, a combination of natural and institutional boundaries may be required to adequately consider both potential impacts and possible mitigation measures. Ultimately, the scope of the analysis will depend on an understanding of how the effects are occurring in the assessment area.

#### **4.3 Past, Present, and Reasonably Foreseeable Future Actions**

##### EPA Review Approach

The adequacy of cumulative impact analysis depends on how well the analysis

considers impacts that are due to past, present, and reasonably foreseeable actions. EPA reviewers should determine whether the cumulative analysis adequately considered the following:

- 1) whether the environment has been degraded, and if so, to what extent;
- 2) whether ongoing activities in the area are causing impacts; and
- 3) the trends for activities and impacts in the area.

Considering the past, present, and reasonable foreseeable future actions provides a needed context for assessing cumulative impacts. The inclusion of other actions occurring in proximity to the proposed action is a necessary part of evaluating cumulative effects. Agencies should identify activities occurring outside of their jurisdiction that are affecting the same resources being affected by their actions. Consultation with other agencies potentially affecting the resources of concern is not usually done and a consideration of private activities seldom occurs. In addition, agencies may not always include other actions taken by their agency. EPA reviewers should determine whether the NEPA document considered all past, present, and future actions that contribute to significant cumulative effects on the resources of concern. The analysis should include the use of trends information and interagency analyses on a regional basis to determine the combined effects of past, present, and future actions. NEPA documents should only consider those past, present, and future actions that incrementally contribute to the cumulative effects on resources affected by the proposed action. Actions affecting other resources, or with cumulatively insignificant effects on the target resources, do not add to the value of the analysis.

#### Discussion

To successfully assess cumulative impacts, NEPA documents should consider a broad range of activities and patterns of environmental degradation that are occurring in the vicinity of the project . The following considerations (as modified from Klein and Kingsley, 1994) can assist in identifying actions that may relate to the project under review:

- 1) the proximity of the projects to each other either geographically or temporally;
- 2) the probability of actions affecting the same environmental system, especially systems that are susceptible to development pressures;
- 3) the likelihood that the project will lead to a wide range of effects or lead to a number of associated projects; and
- 4) whether the effects of other projects are similar to those of the project under review.
- 5) the likelihood that the project will occur -- final approval is the best indicator but long range planning of government agencies and private organizations and trends information should also be used;
- 6) temporal aspects, such as the project being imminent;

As an example, the cumulative effect of transportation projects and other development in an urban setting often results in alteration of topography, habitat fragmentation, changes in water flows and water quality, increased sediment and contaminant runoff, and direct mortality from road kills. To address these issues, the actions included should start with the proposed project but also include other present, past, and future actions. Other current development should include related construction such as shopping malls within proximity of the new road construction or upgrades undertaken on connecting roads within the area of study. Past actions that should be considered include, for example, any housing and commercial development, alteration of hydrologic flows to control flooding, filling of wetlands, construction of other highways, and upstream development. The analysis should also extend further back in time to include previous changes to the area and region such as resource extraction or agricultural activities. Future actions should include any planned communities or commercial areas, induced growth and accompanying infrastructure, projected increase in population and traffic, and road expansion.

The identification of the effects of past actions is critical to understanding the environmental condition of the area. Knowing whether the resource is healthy, declining, near collapse, or completely devastated is necessary for determining the significance of any added impacts due to the proposed project. The NEPA document should consider how past activities have historically affected and will continue to detrimentally affect the resources of concern. How far back in time to consider depends on how long the resources of concern have been affected. Trends analysis, or how the resource condition has changed over time, is the most useful tool for looking at the accumulated effect of past actions. For example, if 50% of the wetland functions in a basin have been lost due to both agriculture and urban development, any present or future impacts should be taken into account in determining impacts to flood storage capacity and other important wetland functions.

Other present actions that may be detrimentally affecting the resources of concern need to be considered at the same time impacts of the proposed action are considered. NEPA documents should consider information on all other relevant activities in the study area including other actions of the proposing agency, actions of other federal agencies, actions of state and local governments, and private actions. While EPA already monitors federal activities on a regional basis, state and county resources should be used to monitor local and private activities.

The identification of future actions is also important. According to the response for question 18 of the "Forty Most Asked Questions concerning CEQ's NEPA Regulations" (CEQ, 1981), the NEPA document "must identify all the indirect effects that are known, and make a good faith effort to explain the effects that are not known but are 'reasonably foreseeable'." The critical question is "What future actions are reasonably foreseeable?". Court decisions on this topic have

generally concluded that reasonably foreseeable future actions need to be considered even if they are not specific proposals. The criterion for excluding future actions is whether they are "speculative." The NEPA document should include discussion of future actions to be taken by the action agency. The analysis should also incorporate information based on the planning documents of other federal agencies, and state and local governments. For example, projects included in a 5-year budget cycle might be considered likely to occur while those only occurring in 10-25 year strategic planning would be less likely and perhaps even speculative. For private actions, the analysis should use regional and local planning documents. In the absence of these plans (and to refine expectations where activities have diverged from the plans), the analysis should refer to projected development trends. In all of these cases, the best information should be used to develop scenarios that predict which future actions might reasonably be expected as a result of the proposal.

*NEPA Example: The Commencement Bay Natural Resource Damage Assessment: Restoration Plan and Final Programmatic EIS (FWS and NOAA, 1997) addressed the problem of including the many and various past actions by quantifying the previous loss of 98% of mudflat and marsh habitat through a combination of historical records and photographic evidence. The Final EIS for the Castle Mountain Project, San Bernardino County, CA (BLM 1990) considered 26 other existing and proposed activities that might cumulatively affect 12 resources of concern. The potential impact of activities in the categories of utilities/services, commercial and residential, recreation, mining, and grazing were evaluated based on their location and which resources they might affect. The Draft EIS for the Disposal and Reuse of Naval Base, Philadelphia, PA (Department of the Navy, 1995) addressed "connected, cumulative, and similar existing and potential actions," including general growth trends in South Philadelphia, other land use development initiatives, related actions by other DoD services, realignment of the Naval Base, proposed leasing of shipyard facilities to private shipbuilders, and significant, proposed off-base transportation improvements.*

#### **4.4 Describing the Condition of the Environment**

##### **EPA Review Approach**

The NEPA analysis should establish the magnitude and significance of cumulative impacts by **comparing the environment in its naturally occurring state with the expected impacts of the proposed action when combined with the impacts of other actions.** Use of a "benchmark" or "baseline" for purposes of comparing conditions is an essential part of any environmental analysis. "The concept of a baseline against which to compare predictions of the effects of the proposed action and reasonable alternatives is critical to the NEPA process." (CEQ, 1997) To determine how the project will affect the resource's ability to sustain itself, the NEPA document should include a description of the baseline condition that considers "**...how conditions have changed over time and how they are likely to change in the future without the proposed action**". (CEQ, 1997) If it is

not possible to establish the "naturally occurring" condition, a description of a modified but ecologically sustainable condition can be used in the analysis. In this context, ecologically sustainable means the system supports biological processes, maintains its level of biological productivity, functions with minimal external management, and repairs itself when stressed.

While a description of past environmental conditions is usually included in NEPA documents, **it is seldom used to fully assess how the system has changed from previous conditions.** The comparison of the environmental condition and expected environmental impacts can be incorporated into the environmental consequences or affected environment sections of NEPA documents. EPA reviewers should determine whether the NEPA analysis accurately depicts the condition of the environment used to assess cumulative impacts. In addition, reviewers should determine whether NEPA documents incorporate the cumulative effects of all relevant past activities into the affected environment section. For the evaluation of the environmental consequences to be useful, it is important that the analysis also incorporate the degree that the existing **ecosystem will change over time under each alternative.**

#### Discussion

Often the current condition is used as the benchmark for comparing the environmental effects of the alternatives. However, the current condition typically may not adequately represent how actions have impacted resources in the past and present or how resources might respond to future impacts. Designating existing environmental conditions as a benchmark may focus the environmental impact assessment too narrowly, overlooking cumulative impacts of past and present actions or limiting assessment to the proposed action and future actions (McCold and Saulsbury 1996). For example, if the current environmental condition were to serve as the condition for assessing the impacts of relicensing a dam, the analysis would only identify the marginal environmental changes between the continued operation of the dam and the existing degraded state of the environment. In this hypothetical case, the affected environment has been seriously degraded for more than 50 years with accompanying declines in flows, reductions in fish stocks, habitat loss, and disruption of hydrologic functions. If the assessment took into account the full extent of continued impacts, the significance of the continued operation would more accurately express the state of the environment and thereby better predict the consequences of relicensing the dam.

For the purposes of section 309 reviews, different methods of depicting the environmental condition are acceptable. The condition of the environment should, however, address one or more of the following:

- 1) how the affected environment functions naturally and whether it has been significantly degraded;
- 2) the specific characteristics of the affected environment and the extent of

change, if any, that has occurred in that environment; and  
3) a description of the natural condition of the environment or, if that is not available, some modified, but ecologically sustainable, condition to serve as a benchmark.

Two practical methods for depicting the environmental condition include use of the no-action alternative and an environmental reference point. Historically, the no-action alternative (as reflecting existing conditions) has usually been used as a benchmark for comparing the proposed action and alternatives to existing conditions. The no-action alternative can be an effective benchmark if it incorporates the cumulative effects of past activities and accurately depicts the condition of the environment.

Another approach for describing the environmental condition is to use an environmental reference point that would be incorporated into the environmental consequences and affected environment sections of the document. The natural condition of the ecosystem, or some modified but sustainable ecosystem condition, can be described as the environmental reference point. In analyzing environmental impacts, this environmental reference point would not necessarily be an alternative. Instead, it would serve as a benchmark in assessing the environmental impacts associated with each of the alternatives. Specifically, the analysis would evaluate the degree of degradation from the environmental reference point (i.e., natural ecosystem condition) that has resulted from past actions. Then the relative difference among alternatives would be determined for not only changes compared to the existing condition but also changes critical to maintaining or restoring the desired, sustainable condition.

Determining what environmental condition to use in the assessment may not be immediately clear. Choosing and describing a condition should be based on the specific characteristics of the area. In addition, the choice of condition can be constrained by limited resources and information. For these reasons, the environmental condition described by the environmental reference point or noaction alternative should be constructed on a case-by-case basis so that it represents an ecosystem able to sustain itself in the larger context of activities in the region. In this respect, there is no predetermined point in time that automatically should represent the environmental condition. In addition, it may not be practical to use a pristine condition in situations of intensive development. For example, it may not be very useful to use a pre-development condition to assess the extent of degradation in a heavily urbanized setting. It may be more useful in this situation to consider the condition of several important resources of concern (i.e., water quality, air quality, or quality of life) in comparison with expected environmental consequences of the action. Since most ecosystems can be delineated and have distinct characteristics, determination of the environmental condition does not need to be a subjective process leading to speculation about the condition of the environment before it was degraded. Depending on whether the information is reasonably obtainable, the

environmental condition chosen may be a pristine environment, or at the very least, a minimally functioning ecosystem that will not further degrade. The use of the environmental condition to compare alternatives is not an academic exercise, but one that can most effectively modify alternatives and help decision making. Examples of conditions might include before project, before "substantial" development, or a reference ecosystem that is comparable to the project area. Selecting the best environmental condition for comparative purposes can be based on the following:

- 1) consider what the environment would look like or how it would behave without serious human alteration;
- 2) factor in the dynamic nature of the environment;
- 3) define the distinct characteristics and attributes of the environment that best represent that particular type of environment (focus on characteristics and attributes that have to do with function); and
- 4) use available or reasonably obtainable information.

For example, in a hypothetical case of harbor dredging and disposal, the existing condition of the aquatic ecosystem is highly modified from natural conditions. Human settlement along major waterways spans hundreds of years and commercial development has become very intense in many areas. Following practices used in some NEPA analyses, the degraded condition of the benthic communities and shoreline vegetation would be considered the condition for assessing the impacts of sediment dredging and disposal. By using this environmental condition, the analysis would not recognize the full extent of the degradation and would possibly underestimate the actual impacts of the proposed action. The environmental condition for this case could be set at predevelopment (or at least at early development) or, if historical data are not available, use a reference point constructed from an understanding of how a similar ecosystem would behave in a natural state. The affected environment section should include a discussion of the extent of degradation that the current condition has experienced when compared to the characteristics of an undisturbed harbor environment. And finally, the extent of change and future trends should be considered in each alternative.

*NEPA Example: The Forest Service's Snowmass Ski Area Final Environmental Impact Statement (Forest Service, 1994) and the Army Corps of Engineers Elk Creek Lake Final Environmental Impact Statement (Army Corps of Engineers, 1991) both define baseline conditions for comparison of alternatives. In assessing the potential environmental impacts of the Snowmass Ski Area expansion, the Forest Service established a "pre-development" reference point from which all past, present, and reasonably foreseeable future environmental impacts were examined. Consequently, the EIS presented a comprehensive discussion of the cumulative impacts upon various resources. The Elk Creek Lake Final EIS also identified a "pre-development" reference point, defined by the Corps as "base conditions", for specific resources along the Rogue River and*

*Elk Creek. The assessment then explored the alteration of resource conditions with respect to other actions, including the proposed project.*

#### **Issue 4.5 Using Thresholds to Assess Resource Degradation**

##### EPA Review Approach

Qualitative and quantitative thresholds can be used to indicate whether a resource(s) of concern has been degraded and whether the combination of the action's impacts with other impacts will result in a serious deterioration of environmental functions. In the context of EPA reviews, thresholds can be used to determine if the cumulative impacts of an action will be significant and if the resource will be degraded to unacceptable levels. EPA reviewers should determine whether the analysis included specific thresholds required under law or by agency regulations or otherwise used by the agency. In the absence of specific thresholds, the analysis should include a description of whether or not the resource is significantly affected and how that determination was made.

##### Discussion

If adequate data and analytical procedures are available, specific thresholds that indicate degradation of the resources of concern should be included in the NEPA analysis. The thresholds should be practical, scientifically defensible, and fit the scale of the analysis. Thresholds may be set as specific numerical standards (e.g., dissolved oxygen content to assess water quality), qualitative standards that consider biological components of an ecosystem (e.g., riparian condition and presence of particular biophysical attributes), and/or desired management goals (e.g., open space or unaltered habitat). Thresholds should be represented by a measurement that will report the change in resource condition in meaningful units. This change is then evaluated in terms of both the total threshold beyond which the resource degrades to unacceptable levels and the incremental contribution of the proposed action to reaching that threshold. The measurement should be scientifically based. For example, thresholds for determining adverse change in the functioning of a wetland could include the percentage of historic wetland loss in the region, occurrence of species at risk, ambient water quality data that exceed standards, and estuarine pollution susceptibility index. Since cumulative impacts often occur at the landscape or regional level, thresholds should be developed at similar scales whenever possible. Indicators at a landscape level can be used to develop thresholds as well as assess the condition of the environment. By using the following landscape indicators as modified from O'Neil et al. (1997) and Jones et al. (1996), thresholds can be crafted by determining the levels, percentages, or amount of each that indicate a significant impact for a particular area. Examples of thresholds include:

- The total change in land cover is a simple indicator of biotic integrity; thresholds for areas with high alterations would generally be lower than areas that are not as degraded; if open space or pristine areas are a management goal then the threshold would be a small percentage change in land cover.

- Patch size distribution and distances between patches are important indicators of species change and level of disturbance. Thresholds would be set to determine the characteristics of an area needed to support a given plant or animal species.
- Estimates of fragmentation and connectivity can reveal the magnitude of disturbance, ability of species to survive in an area, and ecological integrity. Thresholds would indicate a decrease in cover pattern, loss of connectivity, or amount of fragmentation that would significantly degrade an area.
- Indicators of water quality and watershed integrity can be used to set thresholds. Specific concentrations and levels of nitrogen, phosphorous, turbidity, dissolved oxygen, and temperature can be used.
- Thresholds for a decline in water quality can take the form of size and amount of riparian buffer zones. Condition of riparian zones and changes in percent of buffer areas can indicate a decline in water quality due to soil erosion, sediment loading, and contaminant runoff.

In a hypothetical project to develop a skiing resort to be constructed on federal lands, thresholds would be developed for several resources of concern. The impacts of road construction and use, ski runs, housing development, and water use would have wide ranging effects on resources such as riparian condition, water quality, wildlife habitat, and vegetation. Thresholds for cover and loss of connectivity could be developed to determine the significance of impacts to wildlife and vegetative cover. For example, thresholds could be developed from known information on the amount of habitat necessary for successful ungulate breeding. Numerical standards for dissolved oxygen and water temperature could be used to determine significance of impacts to coldwater fisheries. Narrative standards of stream condition would be used to determine thresholds for successful fish spawning.

*NEPA Example: NEPA analyses have examined actions where the cumulative effects exceed a threshold which is tied to a national air quality or water quality standard. In the Final EIS for Hydroelectric Development in the Upper Ohio River Basin (FERC, 1988), the Federal Energy Regulatory Commission determined the point at which dissolved oxygen fell below the standard by modeling the reduced spillage and aeration caused by adding turbines to additional dams in succession. Setting thresholds to represent the carrying capacity of an ecosystem is more difficult. In the Draft EIS on Cumulative Impacts of Recreational Boating on the Fox River and Chain O'Lakes Area in Lake and McHenry Counties, IL, the U.S. Army Corps of Engineers assessed the impacts of boat traffic on the carrying capacity of aquatic life by setting a threshold of water clarity needed for vegetation growth. At the same time, they set a social carrying capacity threshold of the number of boats that made people feel crowded. While the concept of translating exceedences of thresholds to significant impacts on carrying capacities of both ecological and human resources is being applied more extensively, analysts still often face situations where there are limits to scientifically exact thresholds, and have to use other*

*methods to develop thresholds. For example, in the Draft Supplemental EIS on Management of Habitat for Late-Successional and Old-Growth Forest Related Species (Forest Service and BLM, 1993), it was necessary to rely on expert opinion from panels to assess the "probability of ensuring the viability of species."*

Determining a threshold beyond which cumulative effects significantly degrade a resource, ecosystem, or human community is sometimes very difficult because of a lack of data. Without a definitive threshold, the NEPA practitioner should compare the cumulative effects of multiple actions with appropriate national, regional, state, or community goals to determine whether the total effect is significant. These desired conditions can best be defined by the cooperative efforts of agency officials, project proponents, environmental analysts, nongovernmental organizations, and the public through the NEPA process. The integrity of historical districts is an example of a threshold that is goal related. These districts, especially residential and commercial historic districts in urban areas, are particularly vulnerable to clearance programs carried out by local governments, usually with use of federal funds. Though individual structures of particular architectural distinction are often present, such districts are important because they are a collection of structures that relate to one another visually and spatially; the primary importance of each building is the contribution that it makes to a greater whole. Often in conjunction with code enforcement programs to remove blighting influences and /or hazards to public safety, local governments condemn and demolish properties. Viewed in isolation as an individual action, such demolition of an individual structure does not significantly diminish the historic and architectural character of the district and indeed may be beneficial to the overall stability of the district. But the cumulative effect of a whole series of such demolitions can significantly erode the district. Continued loss of historic structures, often with resultant vacant lots and incompatible new construction, can reach a point where the visual integrity of the district is lost. Once this threshold is passed, subsequent demolitions become increasingly difficult to resist and ultimately the qualities of the historic district are lost.

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**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us:smt  
**Sent:** Fri Jun 18 2010 13:19:17 EDT  
**To:** brocius@base.sao.arizona.edu;cbeck@azdot.gov;cindy\_alvarez@blm.gov;daniel\_moore@blm.gov:dt1@azdeq.gov;david\_jacobs@azag.gov:falco@cfa.harvard.edu:gflaming@asmi.az.gov:jmarques@ci.sahuarita.az.us:jmtannler@azwater.gov:julia\_fonseca@pima.gov:jwinds@azgfd.gov:karen.howe@tonation-nsn.gov;lagrignano@azwater.gov;lee.allison@azgs.az.gov;leslie.ethen@tucsonaz.gov;lswartzbaugh@asmi.az.gov;madan.singh@mines.az.gov;mark.harting@aztucs.ang.af.mil;marjorie.e.blaine@usace.army.mil;nicole.ewing-gavin@tucsonaz.gov;nicole.fyffe@pima.gov;ohenderson@ci.sahuarita.az.us;rcasavant@azstateparks.gov;rsejkora@azstateparks.gov;stahle@ci.sahuarita.az.us;temery@azdot.gov  
**CC:** teresa ann ciapuci/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**Subject:** Rosemont Alternatives to be considered in detail  
**Attachments:** final\_attachment.docx;final\_letter.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Cooperating Agencies,

Attached is a memo signed by the Forest Supervisor to the ID Team Leader directing that 5 specific alternatives be considered in detail in the EIS. She points out that these alternatives are still conceptual and will continue to develop as they are further explored and defined. The ID Team is currently finalizing and applying mitigation measures to the 5 alternatives as well as reviewing and commenting on draft descriptions of the alternatives from SWCA, our NEPA contractor. We are also working to update basic alternative maps that most accurately reflect the 5 alternatives, and we will post those to the website. As I shared with you last week, we will share draft Chapter 1 with you very shortly for your review and comment. Thank you.

Mindee Roth  
Coronado National Forest  
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Issue Statements...one more thing

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Thu Apr 02 2009 15:11:32 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes;mreichard@swca.com  
**CC:**  
**Subject:** Issue Statements...one more thing  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I just printed my revised issue statements and noticed that the headings in the spiral bound booklet and the headings on the WebEx documents do not match. Please correct these as needed. Thanks!

Debby Kriegel, RLA  
Landscape Architect  
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**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Wed Aug 04 2010 13:07:50 EDT  
**To:** jamie sturgess <jsturgess@augustaresource.com>;karnold@rosemontcopper.com;gcheniae <gcheniae@cox.net>;brian lindenlaub  
blindenlaub@westlandresources.com;mary@strongpointpr.com;mreichard@swca.com;tfurgason@swca.com;jrigg@swca.com  
**CC:** melinda d roth/r3/usdafs@fsnotes;rlaford@fs.fed.us;beverson@fs.fed.us;tjchute@msn.com;robert cordts/r3/usdafs@fsnotes  
**Subject:** Status Meeting, 8:00-12:00, August 6 at SWCA  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Special topics: Mitigation update - Terry  
Conf call with Army Corps legal counsel - Reta

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**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Apr 28 2009 15:39:43 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
alan belauskas/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;arthur s  
elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby  
kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george  
mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;john  
**CC:** able/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c  
ellett/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mary m  
farrell/r3/usdafs@fsnotes;mriecharld@swca.com;reta laford/r3/usdafs@fsnotes;robert  
lefevre/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;teresa ann ciapucci/r3/usdafs@fsnotes;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** No Rosemont IDT meeting tomorrow  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I will be sending a second message concerning work that you can be doing before our next meeting.  
Thanks.

Beverley A. Everson  
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**FOR PUBLICATION**  
**UNITED STATES COURT OF APPEALS**  
**FOR THE NINTH CIRCUIT**

TE-MOAK TRIBE OF WESTERN  
SHOSHONE OF NEVADA; WESTERN  
SHOSHONE DEFENSE PROJECT; GREAT  
BASIN MINE WATCH,  
*Plaintiffs-Appellants,*

v.

UNITED STATES DEPARTMENT OF THE  
INTERIOR; ROBERT V. ABBEY State  
Director; GAIL G. GIVENS,  
Assistant Field Manager Battle  
Mountain Field Office; CLINTON R.  
OKE, Assistant Field Manager;  
UNITED STATES BUREAU OF LAND  
MANAGEMENT,  
*Defendants-Appellees,*

CORTEZ GOLD MINES,  
*Defendant-intervenor-Appellee.*

No. 07-16336  
D.C. No.  
CV-05-00279-LRH  
OPINION

Appeal from the United States District Court  
for the District of Nevada  
Larry R. Hicks, District Judge, Presiding

Argued and Submitted  
January 15, 2009—San Francisco, California

Filed June 18, 2010

Before: Sidney R. Thomas and Richard A. Paez,  
Circuit Judges, and David A. Ezra,\* District Judge.

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\*The Honorable David A. Ezra, United States District Judge for the District of Hawaii, sitting by designation.



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**COUNSEL**

Roger Flynn, Jeffery C. Parsons, Western Mining Action Project, Lyons, Colorado, for petitioners Te-Moak Tribe of Western Shoshone of Nevada, Western Shoshone Defense Project, and Great Basin Mine Watch.

Ronald J. Tenpas, Assistant Attorney General, Mark Haag, Attorney, Environment & Natural Resources Division, Department of Justice, Washington, DC, John Steiger, Of Counsel, Office of the Regional Solicitor, United States Department of the Interior, Salt Lake City, Utah, for respon-

dents United States Department of the Interior; Robert V. Abbey, State Director; Gail G. Givens, Assistant Field Manager, Battle Mountain Field Office; Clinton R. Oke, Assistant Field Manager, Elko Field Office; United States Bureau of Land Management.

Robert Tuchman, Thomas F. Cope, Linnea Brown, Holme Roberts & Owen LLP, Denver, Colorado, W. Chris Wicker, Woodburn and Wedge, Reno, Nevada, for respondent-intervenor Cortez Gold Mines.

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## OPINION

PAEZ, Circuit Judge:

Te-Moak Tribe of Western Shoshone of Nevada, a federally-recognized Indian tribe (“the Tribe”), the Western Shoshone Defense Project (“WSDP”),<sup>1</sup> and Great Basin Mine Watch (“GBMW”)<sup>2</sup> (collectively, “Plaintiffs”) appeal the district court’s denial of their motion for summary judgment, and the grant of summary judgment to the Department of the Interior (“DOI”), the Bureau of Land Management (“BLM”), several officers of the BLM, and intervenor Cortez Gold Mines, Inc. (“Cortez”) (collectively, “Defendants”).<sup>3</sup> Plaintiffs con-

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<sup>1</sup>The Western Shoshone National Counsel created WSDP “to protect and preserve Western Shoshone rights and homelands for present and future generations based upon cultural and spiritual traditions.”

<sup>2</sup>GBMW describes itself as “a coalition of environmentalists, ranchers, and Native Americans dedicated to reforming the hardrock mining industry and the agencies that regulate them to protect the land, air, water and Native American resources of the Great Basin.”

<sup>3</sup>We have jurisdiction to review both the grant of summary judgment to Defendants and the denial of summary judgment to Plaintiffs, because “[t]he grant of summary judgment [to the Defendants] is a final order . . . .” *Rogers v. County of San Joaquin*, 487 F.3d 1288, 1294 (9th Cir. 2007) (citing *Jones-Hamilton Co. v. Beazer Materials & Servs., Inc.*, 973 F.2d 688, 694 (9th Cir. 1992)).

tend that the BLM's approval of Cortez's amendment to a plan of operations for an existing mineral exploration project in Nevada violated the National Environmental Policy Act ("NEPA"), the National Historic Preservation Act ("NHPA"), and the Federal Land Policy and Management Act ("FLPMA"). We have jurisdiction pursuant to 28 U.S.C. § 1291. We affirm the district court with respect to Plaintiffs' NHPA and FLPMA claims, and we reverse and remand for further proceedings with respect to one of their NEPA claims.

### **I. Factual and Procedural Background**

This appeal involves Cortez's proposal to amend the plan of operations for an existing mineral exploration project, the Horse Canyon/Cortez Unified Exploration Project ("the HC/CUEP"), located in Lander and Eureka Counties in northeastern Nevada.<sup>4</sup> The BLM approved the original plan of operations for the HC/CUEP in 2001.<sup>5</sup> Pursuant to the 2001 plan of operations, Cortez conducted exploration activities in a 30,548-acre area designated for the project ("project area").

The HC/CUEP, in its original and amended plans, is a phased exploration project. Phase I includes 150 drill sites, as close as 200 feet apart, to determine what minerals are in the target areas. Depending on what Cortez discovers, it may move into Phase II of the HC/CUEP, in which there are about 125 drill sites, with three or more drill rigs working in close proximity to one another. Finally, if Cortez chooses to continue exploring, it may move into Phase III, in which Cortez

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<sup>4</sup>Although exploration activities under the HC/CUEP may eventually lead to a mining project, the BLM has yet to authorize actual mining in the project area.

<sup>5</sup>The BLM approved the original HC/CUEP plan of operations as an amendment to the Horse Canyon Exploration Project. The HC/CUEP added 16,430 acres to the Horse Canyon Exploration Project by joining it with the Cortez Gold Mine Expansion Project, for a total project area of 30,548 acres.

can use approximately 100 drill holes within the Phase II drill sites' footprints.

Under the original HC/CUEP plan of operations, Cortez was permitted to disturb a total of 50 acres of land within the entire project area over the course of all three phases of the project. In July 2003, Cortez proposed an amendment to the HC/CUEP plan of operations (“the Amendment”) that would permit Cortez to disturb a total of 250 acres throughout the project area—five times the amount approved by the BLM for the original project. Under the Amendment, Cortez’s exploration would proceed according to the same phased operations as outlined in the original HC/CUEP plan of operations, and Cortez could not disturb more than 50 acres at any given time. Cortez estimated that the HC/CUEP as amended would last five years.

Cortez’s exploration activities under the HC/CUEP represent only a small part of a long history of exploration and mining activities in this area of Nevada. Active mining operations have existed since the 1860s, and the mining industry continues to explore the area for further mineral deposits. In addition to the HC/CUEP, Cortez currently operates a number of mines in the area, and Cortez has plans to develop in the near future two mineral deposits as the Pediment/Cortez Hills Mine Project (“the Pediment/Cortez Hills project”).<sup>6</sup>

After Cortez proposed the Amendment in July 2003, the

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<sup>6</sup>Cortez first discovered a mineral deposit on the western pediment of Mount Tenabo (“the Pediment Deposit”) in 1993, before the approval of the original HC/CUEP. Cortez originally submitted a proposed plan of operations for the development of the Pediment Deposit in January 2001. The Pediment Deposit is located within the original project area. As part of the approval process for mining the Pediment Deposit, the BLM commissioned cultural surveys and studies of the area. Before the BLM completed the approval process, Cortez discovered another deposit in Cortez Hills and sought approval from the BLM to mine the Pediment Deposit and the deposit in Cortez Hills as one project.

BLM prepared an Environmental Assessment (“EA”) pursuant to NEPA, assessing the environmental and cultural resources of the project area and the potential impacts on the environment. The EA “tiered” to, and thus incorporated, previous environmental impact statements and environmental assessments, including those for the original HC/CUEP and for the South Pipeline Project, another mining project located near the project area.<sup>7</sup>

Although miners have been mining this area for generations, Native Americans have been there much longer. According to their oral history, Te-Moak and other Western Shoshone tribes have inhabited this area since time immemorial, and their religion and culture is inextricably linked to the landscape of the area. The project area is located on their ancestral lands.<sup>8</sup> Mount Tenabo, located within the project area, is considered a traditional locus of power and source of life for the Western Shoshone, and figures in creation stories and world renewal. The top of Mount Tenabo is used by the Western Shoshone for prayer and meditation and although mining activities have impeded this practice, the association of the top of the mountain to Western Shoshone beliefs, customs, and practices remains. The project area also contains many pinyon pine trees, a source of pine nuts that were once a key component of the Western Shoshone diet and remain a focal point of Western Shoshone culture and ceremony. Although mining has impeded the collection of pine nuts, remnant stands of pinyon pine continue to be used as traditional family gathering areas by contemporary Western Shoshone. Finally, because of the Tribe’s burial traditions, the ancestors of the Western Shoshone are likely buried throughout the project area.

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<sup>7</sup>“Tiering refers to the coverage of general matters in broader environmental impact statements . . . with subsequent narrower statements or environmental analyses . . . incorporating by reference the general discussions and concentrating solely on the issues specific to the statement subsequently prepared.” 40 C.F.R. § 1508.28.

<sup>8</sup>There is no reservation land in the project area.

As a result of the Western Shoshone's undisputed connection to the land, the BLM has consulted with the Tribe, as required by NEPA and the NHPA, about sites of cultural and religious significance in areas slated for exploration and mining, including areas covered by the HC/CUEP, its predecessor project (the Horse Canyon Exploration Project), and the Pediment Project. This consultation led the BLM to designate two sites within the project area as "properties of cultural and religious importance" or "PCRIs" that are eligible for inclusion on the National Register of Historic Places: (1) Horse Canyon and (2) the top of Mount Tenabo and the "White Cliffs" of Mount Tenabo.

The BLM sent a letter to the Tribe about the Amendment one year after the BLM received Cortez's proposal in July 2003. The BLM noted that there was already extensive documentation of traditional, cultural, and spiritual use sites within or near the project area, but asked the Tribe for help in identifying any additional concerns and in developing any alternatives or methods that might eliminate or reduce potential adverse impacts. The Tribe did not respond to this letter.

About one month after soliciting the Tribe's input, the BLM submitted the draft EA for public comment on September 1, 2004, and sent the Tribe a copy to review. Although the BLM attempted to contact the Tribe by telephone in the middle of September to ascertain whether the Tribe would be commenting on the EA, the Tribe did not respond to those calls. WSDP and GBMW, however, did contact the BLM in early October regarding the proposed action and requested information on the BLM's consultation with the Western Shoshone and the location of drill holes, access roads, and other details of the project. The BLM responded on October 20, 2004, but did not provide the organizations with the requested project details.

The BLM could not provide the organizations with the precise locations of the project's exploration activities because

they were not specified in the proposed Amendment's plan of operations. Instead, the BLM conditionally approved the Amendment, requiring Cortez to provide detailed maps prior to surface-disturbing activities and to follow specific avoidance measures to protect cultural resources. The BLM issued a Decision Record ("DR") and Finding of No Significant Impact ("FONSI") (together a "DR/FONSI") on October 22, 2004.

Plaintiffs petitioned the State Director of the BLM for review of the BLM's DR/FONSI on November 24, 2004. After granting Plaintiffs' request for review, the State Director met with the Te-Moak Tribal Chairman, Te-Moak's counsel, and other representatives from the Tribe, WSDP, and GBMW, and also considered arguments from Cortez. After completing his review, the State Director affirmed a modified version of the DR/FONSI that imposed additional mitigation measures. One such modification was an exclusion zone protocol to protect PCRIIs eligible for inclusion on the National Register of Historic Places.

Dissatisfied with the State Director's modified DR/FONSI, Plaintiffs sought judicial review of the BLM's action in May 2005 by filing suit against the DOI, the BLM, and several BLM officers under the Administrative Procedure Act (APA). *See* 5 U.S.C. § 551 *et seq.* The district court subsequently granted Cortez's motion to intervene. Ultimately, the parties filed cross-motions for summary judgment. Concluding that the BLM had complied with NEPA, the NHPA, and the FLPMA, the district court granted Defendants' motion for summary judgment and denied Plaintiffs' motion for summary judgment. Plaintiffs timely appealed.

## **II. Discussion**

Plaintiffs argue that the BLM's approval of the Amendment violated NEPA, the NHPA, and the FLPMA. We review de novo a district court's grant and denial of summary judgment.

*Or. Natural Res. Council v. Lowe*, 109 F.3d 521, 526 (9th Cir. 1997). Pursuant to the APA, our task is to determine whether the agency’s final action was “arbitrary, capricious, an abuse of discretion, or otherwise not in accordance with law . . . .” 5 U.S.C. § 706(2)(A); *see also Or. Natural Desert Ass’n v. Bureau of Land Mgmt.*, 531 F.3d 1114, 1140 (9th Cir. 2008). Here, we review the modified DR/FONSI issued by the BLM State Director, which is the final agency action. *See* 43 C.F.R. § 3809.809(b).

The arbitrary and capricious standard “requires us to ensure that an agency has taken the requisite hard look at the environmental consequences of its proposed action, carefully reviewing the record to ascertain whether the agency decision is founded on a reasoned evaluation of the relevant factors.” *Greenpeace Action v. Franklin*, 14 F.3d 1324, 1332 (9th Cir. 1992) (internal quotation marks and citations omitted).

#### **A. National Environmental Policy Act**

[1] We first consider Plaintiffs’ argument that the BLM’s approval of the Amendment violated NEPA. NEPA imposes a procedural requirement “(1) to ensure the agency will have detailed information on significant environmental impacts when it makes its decisions; and (2) to guarantee that this information will be available to a larger audience.” *Inland Empire Pub. Lands Council v. U.S. Forest Serv.*, 88 F.3d 754, 758 (9th Cir. 1996). The NEPA procedures used by agencies “must insure that environmental information is available to public officials and citizens before decisions are made and before actions are taken.” 40 C.F.R. § 1500.1(b). “The NEPA process is intended to help public officials make decisions that are based on understanding of environmental consequences, and take actions that protect, restore, and enhance the environment.” 40 C.F.R. § 1500.1(c). Pursuant to these goals, NEPA requires federal agencies to prepare an environmental impact statement (“EIS”) for all “major Federal actions significantly affecting the quality of the human envi-

ronment . . . .” 42 U.S.C. § 4332(2)(C). An agency may first prepare an EA, however, to determine whether it must prepare an EIS or may issue a FONSI. 40 C.F.R. § 1508.9(a)(1). If the agency issues a FONSI, then it may proceed with the proposed action. *Klamath-Siskiyou Wildlands Ctr. v. Bureau of Land Mgmt.*, 387 F.3d 989, 993 (9th Cir. 2004).

Here, the BLM prepared an EA, concluded on the basis of the EA’s findings that the Amendment would not significantly affect the environment, and issued a DR/FONSI. As noted above, after Plaintiffs objected, the BLM State Director affirmed the DR/FONSI with modifications that imposed an exclusion zone protocol, in addition to the avoidance measures imposed in the original DR/FONSI, to protect PCRIIs eligible for listing on the National Register. Plaintiffs challenge the BLM’s modified DR/FONSI on the grounds that (1) the BLM failed to take a “hard look” at the Amendment’s cultural and environmental impacts because it approved all three phases of the Amendment without obtaining sufficient information about each particular phase of exploration activities; (2) the BLM did not conduct sufficient analysis of reasonable alternatives; and (3) the BLM did not conduct sufficient analysis of cumulative impacts. We consider these arguments in turn.

### **1. Failure to Take a “Hard Look” at Cultural and Environmental Impacts**

Plaintiffs argue that the BLM failed to take a “hard look” at the Amendment’s effects—specifically, effects on Western Shoshone cultural resources—because it approved all three phases of the Amendment without knowing the precise locations of the project’s activities, such as drill sites, access roads, and support facilities. Plaintiffs contend that, without these details, the BLM neither conducted a “hard look” analysis of the project, nor adequately informed the public of the potential impacts of the project, as NEPA requires. The BLM and Cortez argue that, in light of the exploratory nature of the

project, the BLM's analysis and decision comply with NEPA. They argue that the BLM sufficiently analyzed the potential impact that the project could have and imposed avoidance and mitigation measures that account for any unpredictable impacts on cultural resources.

[2] Although we have not previously reviewed the BLM's approval of a phased exploration project, the Interior Board of Land Appeals ("IBLA") reviewed a similar NEPA challenge to a phased exploration project in *Great Basin Mine Watch*, 159 IBLA 324 (2003).<sup>9</sup> Similar to the situation here, in *Great Basin Mine Watch*, a mining company submitted to the BLM a proposal to expand an earlier exploration project. The proposed expansion would disturb an additional 95.55 acres of land for a total of 100 acres, within a 3,336-acre project area. *Id.* at 327, 331. The BLM analyzed the proposed amendment without specific details regarding the location of the Phase II and III operations. *Id.* at 327. The IBLA determined that the BLM's failure to include details for phases other than the first phase of the project did not violate NEPA, because "BLM compensate[d] for the omission of precise sites for future activities by analyzing the impacts of approximately 95.55 acres of additional surface disturbance anywhere within the project area and imposing resource-specific stipulations and mitigation measures for all activities throughout the entire project area." *Id.* at 354.

[3] We agree with the IBLA that the BLM, in some cases, may adapt its assessment of environmental impacts when the specific locations of an exploration project's activities cannot reasonably be ascertained until some time after the project is approved. NEPA's ultimate focus is on the assessment of environmental impacts and a project's details are usually a means to that end. An exploration project, however, inherently involves uncertainties; if mining companies knew the

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<sup>9</sup>As we discuss below, the plaintiffs in *Great Basin Mine Watch* also challenged a phased exploration project under the NHPA and the FLPMA.

precise location of mineral deposits before drilling, exploration would not be required. In approving mineral exploration projects, the BLM must balance these uncertainties with its duty under NEPA to analyze possible environmental impacts. The IBLA's approach in *Great Basin Mine Watch* strikes an appropriate balance by holding that the BLM may approve an exploration project without knowing the exact locations of drill sites and other project activities. In order to do so, the BLM must analyze the impact of drilling activities in all parts of the project area and impose effective avoidance and mitigation measures to account for unknown impacts.

We recognize that in *Great Basin Mine Watch*, unlike here, the mining company provided the BLM with access road and drill site locations for Phase I. *See* 159 IBLA at 347. We do not believe, however, that this deficiency renders the BLM's approval of the Amendment unreasonable. Phase I exploration activities, like those for Phases II and III, are uncertain by design because Cortez must adjust the location of drilling throughout the course of Phase I. Here, as in *Great Basin Mine Watch*, the BLM was provided with dimensions of drill sites and access roads, the methods used to construct them, and the total surface disturbance area that would result from the Amendment. With this information, the BLM assessed the potential impacts from all three phases that might occur throughout the project area.

[4] Additionally, as in *Great Basin Mine Watch*, the BLM imposed effective avoidance and mitigation measures to protect Western Shoshone cultural resources from impacts resulting from all three phases of the Amendment. In the modified DR/FONSI, the BLM State director outlined these measures, which prevent Cortez from disturbing land in exclusion zones around PCRIs that are eligible for inclusion on the National Register unless later authorized to do so by the BLM. Accordingly, before beginning exploration activities, Cortez must submit 1:24,000 scale maps of the areas to be disturbed. Cortez may start exploration activities only if past surveys show

that no cultural resources are in the area. If the BLM determines that a Class III cultural resources survey is needed, an archaeologist and a Native American observer will survey the land and make recommendations.<sup>10</sup> If Cortez finds previously undiscovered cultural resources while conducting exploration activities, it must cease activities within 100 meters of the discovery until the BLM determines whether or not the site is eligible for the National Register and should thus be protected by an exclusion zone. The BLM will delineate exclusion zones to surround any newly discovered sites that might be eligible for inclusion on the National Register.

[5] These measures compensate for Cortez's inability to identify the locations of drill sites and related activities for Phases I through III before beginning exploration activities, provide for phased assessment of areas not yet surveyed for cultural resources at a Class III level, and permit the BLM to protect cultural resources when so required by law. We therefore conclude that the BLM did not violate NEPA by approving the Amendment without knowing the precise locations of drill sites, access roads, and other project activities for Phases I through III.

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<sup>10</sup>The BLM uses different types of surveys to evaluate areas for the presence of cultural resources. A Class I survey is "a professionally prepared study that includes a compilation and analysis of all reasonably available cultural resource data and literature, and a management-focused, interpretative, narrative overview, and synthesis of the data." BLM Manual, 8110 — Identifying and Evaluating Cultural Resources 8110.21A.1 (Rel. 8-73, 12/03/04) *available at* [http://www.blm.gov/pgdata/etc/medialib/blm/wo/Planning\\_and\\_Renewable\\_Resources/coop\\_agencies/cr\\_publications.Par.44865.File.dat/Binder2-2.pdf](http://www.blm.gov/pgdata/etc/medialib/blm/wo/Planning_and_Renewable_Resources/coop_agencies/cr_publications.Par.44865.File.dat/Binder2-2.pdf) (last visited June 11, 2010). A Class II survey is a "probabilistic field survey" or "statistically based sample survey" that "aid[s] in characterizing the probable density, diversity, and distribution of cultural properties in an area . . . ." *Id.* 8110.21B.1. A Class III survey is an "[i]ntensive" survey that involves "a professionally conducted, thorough pedestrian survey of an entire target area . . . intended to locate and record all historic properties" and that "provides managers and cultural resource specialists with a complete record of cultural properties." *Id.* 8110.21C.1, 8110.21C.3.

## 2. Failure to Consider Reasonable Alternatives

[6] Plaintiffs also argue that the BLM violated NEPA because the agency's discussion of reasonable alternatives in the Amendment's EA is inadequate. "The purpose of NEPA is to require disclosure of relevant environmental considerations that were given a 'hard look' by the agency, and thereby to permit informed public comment on proposed action and any choices or alternatives that might be pursued with less environmental harm." *Lands Council v. Powell*, 395 F.3d 1019, 1027 (9th Cir. 2005); see 42 U.S.C. § 4332(E) (requiring agencies to "study, develop, and describe appropriate alternatives to recommended courses of action in any proposal which involves unresolved conflicts concerning alternative uses of available resources"). Agencies are required to consider alternatives in both EISs and EAs and must give full and meaningful consideration to all reasonable alternatives. *Native Ecosystems Council v. U.S. Forest Serv.*, 428 F.3d 1233, 1245 (9th Cir. 2005); see also 40 C.F.R. § 1508.9(b). "The existence of a viable but unexamined alternative renders an environmental impact statement inadequate." *Idaho Conservation League v. Mumma*, 956 F.2d 1508, 1519 (9th Cir. 1992) (quoting *Citizens for a Better Henderson v. Hodel*, 768 F.2d 1051, 1057 (9th Cir. 1985)).

[7] Plaintiffs first argue that the BLM should have considered the alternative of approving only Phase I of the Amendment, rather than approving all three phases of the project, or that the BLM should have considered an alternative "where the operator would be required to at least set forth up-front its Phase I plans." As discussed earlier, given the uncertainty of the exploration activities, the BLM imposed mitigation measures designed to adequately protect cultural resources in all phases of the Amendment. "NEPA does not require a separate analysis of alternatives which are not significantly distinguishable from alternatives actually considered, or which have substantially similar consequences." *Headwaters, Inc. v. Bureau of Land Mgmt.*, 914 F.2d 1174, 1181 (9th Cir. 1990)

(citing *N. Plains Res. Council v. Lujan*, 874 F.2d 661, 666 (9th Cir. 1989)). Because of the mitigation measures, the environmental consequences of approving only the first phase of the project versus all three phases are substantially similar; therefore, the BLM was not required to address this alternative in the EA.

[8] Plaintiffs next argue that the BLM violated NEPA by failing to seriously analyze any alternative except Cortez’s chosen project. Specifically, Plaintiffs argue that the BLM’s analysis of the No Action Alternative was insufficient because it consisted of only one paragraph.<sup>11</sup> Plaintiffs’ argument is not persuasive. Although brief, the BLM’s discussion was sufficient because the No Action Alternative maintains the status quo, i.e. the original HC/CUEP plan of operations. The Amendment’s EA tiered to the EA for the original HC/CUEP, in which the direct impacts of the exploration activities were analyzed. See *N. Idaho Cmty. Action Network v. U.S. DOT*, 545 F.3d 1147, 1153 (9th Cir. 2008) (“[A]n agency’s obligation to consider alternatives under an EA is a lesser one than under an EIS. . . . [W]ith an EA, an agency only is required to include a brief discussion of reasonable alternatives.” (citations and internal quotation marks omitted)).

### 3. Failure to Assess Cumulative Impacts

[9] Plaintiffs finally contend that the BLM’s cumulative impact analysis in the Amendment’s EA was insufficient. “NEPA requires that where ‘several actions have a cumulative . . . environmental effect, this consequence must be considered in an EIS.’” *Neighbors of Cuddy Mountain v. U.S. For-*

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<sup>11</sup>Plaintiffs also suggest that the BLM violated NEPA by considering only two actions—the proposed plan and the No Action Alternative. There is no merit to this argument. In *Native Ecosystems*, we stated that “[t]o the extent that [Plaintiff] is complaining that having only two final alternatives—no action and a preferred alternative—violates [NEPA’s] regulatory scheme, a plain reading of the regulations dooms that argument.” 428 F.3d at 1246.

*est Serv.*, 137 F.3d 1372, 1378 (9th Cir. 1998) (quoting *City of Tenakee Springs v. Clough*, 915 F.2d 1308, 1312 (9th Cir. 1990)); see 40 C.F.R. § 1508.25(c)(3). We also require that an EA fully address cumulative environmental effects or “cumulative impacts.” See, e.g., *Kern v. BLM*, 284 F.3d 1062, 1076 (9th Cir. 2002) (“Given that so many more EAs are prepared than EISs, *adequate consideration of cumulative effects requires that EAs address them fully.*” (quoting Council on Environmental Quality, *Considering Cumulative Effects Under the National Environmental Policy Act* 4 (Jan. 1997), also available at <http://ceq.hss.doe.gov/nepa/ccenepa/ccenepa.htm> (last visited June 11, 2010) (emphasis added))). “Cumulative impact is the impact on the environment which results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions . . . . Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time.” 40 C.F.R. § 1508.7.

Here, the BLM designated an area in which it needed to analyze the Amendment’s cumulative impacts (“the cumulative effects area”). The Pediment/Cortez Hills project is a proposed mining operation located within the cumulative effects area. The BLM acknowledged in the Amendment’s EA that the Pediment/Cortez Hills project was a “reasonably foreseeable activity.” The BLM’s knowledge of the Pediment/Cortez Hills project in 2004 can also be reasonably inferred by its December 2005 publication of a “Notice of Intent to Prepare an Environmental Impact Statement to Analyze the Proposed Amendment to the Pipeline/South Pipeline Plan of Operations (NVN-067575) for the Cortez Hills Expansion Project.” 70 Fed. Reg. 72,308 (Dec. 2, 2005). Therefore, the BLM was required to analyze the cumulative impacts of the Amendment and the Pediment/Cortez Hills project. See 40 C.F.R. § 1508.7.

**[10]** In a cumulative impact analysis, an agency must take a “hard look” at all actions. An EA’s analysis of cumulative

impacts “must give a sufficiently detailed catalogue of past, present, and future projects, and provide adequate analysis about how these projects, and differences between the projects, are thought to have impacted the environment.” *Lands Council*, 395 F.3d at 1028. “General statements about ‘possible effects’ and ‘some risk’ do not constitute a ‘hard look’ absent a justification regarding why more definitive information could not be provided.” *Neighbors of Cuddy Mountain*, 137 F.3d at 1380. “[S]ome quantified or detailed information is required. Without such information, neither the courts nor the public . . . can be assured that the [agency] provided the hard look that it is required to provide.” *Id.* at 1379.

[11] Here, the Amendment’s EA included a cumulative impacts section that purported to review past, present, and reasonably foreseeable activities in the cumulative effects area, by examining specific resources that may be affected. The EA, however, failed to include the required “quantified or detailed information.” *See id.* A comparison of the Amendment’s EA with the EAs in *Klamath-Siskiyou* clearly demonstrates that the BLM’s analysis of cumulative impacts in the cumulative effects area did not adequately address the reasonably foreseeable mining activities of the Pediment/Cortez Hills project. *See* 387 F.3d at 997.

A review of the BLM’s analysis of the Amendment’s cumulative impact on two of these resource sections—Cultural Resources and Native American Religious Concerns—is instructive. We note that the bulk of the EA’s discussion in these two sections focuses on the effects of the Amendment itself, rather than the combined impacts resulting from the activities of the Amendment with other projects. Although part of the BLM’s analysis discusses “[t]he effects of the activities to be conducted under the [proposed Amendment] within the *cumulative effects study area*,” only two of the seven paragraphs in these two sections refer to cumulative effects. The majority of the discussion focuses on how effects of the Amendment’s additional exploration activities will be

avoided or mitigated. The EA's discussion of the Amendment's direct effects in lieu of a discussion of cumulative impacts is inadequate. *See id.* at 994 (holding that an EA's cumulative impact analysis was inadequate when, among other deficiencies, "[a] considerable portion of each section discusses only the direct effects of the project at issue on its own minor watershed").

[12] Moreover, although the EA refers to cumulative effects in two paragraphs in the Cultural Resources and Native American Religious Concerns sections, the EA does not, in fact, discuss the existence of any cumulative impacts on these resources.<sup>12</sup> Instead, it concludes that "[n]o incremental cumulative effects would occur to cultural resources as a result of the proposed project." To reach this conclusion, the EA reasons that all of the impacts from the expanded exploration activities will be avoided or mitigated and that all "[e]xisting, proposed, and reasonably foreseeable activities would avoid or mitigate all known and discovered resources."

[13] This type of conclusory "analysis" can be found throughout the cumulative impacts section. For example, the Amendment's EA devotes a scant three sentences to the cumulative impacts to Water Resources, stating only that "[i]mpacts to water resources . . . may include increased sedimentation and potential for erosion." This, despite the discussion earlier in the EA that the Amendment "could potentially result in direct impacts to groundwater resources where groundwater is encountered in the drill holes," and the BLM's prediction of significant impacts from dewatering as a result of the Pediment/Cortez Hills project and other Cortez projects

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<sup>12</sup>The EA's brief reference to the "indirect cumulative effect [of] the removal of artifacts by non-Cortez individuals using an expanded road system to access previously inaccessible areas," is more accurately described as a direct effect rather than a cumulative one, because it would result from the Amendment itself. *Cf.* 40 C.F.R. § 1508.7 (describing cumulative impacts as a combination of impacts of the present action with impacts of other actions).

previously approved within the cumulative effects area. The EA's vague discussion of cumulative impacts can be found in virtually every subpart of the section.

In *Klamath-Siskiyou*, we rejected as inadequate EAs that listed different environmental concerns (e.g. air quality, water quality, etc.) with checkboxes marked "No," indicating that the environmental factor in question would not suffer any cumulative effects. 387 F.3d at 995. A number of these factors, however, were annotated to note that they would or could be impacted by the project, but that "[i]mpacts are being avoided by project design." *Id.* We held that this was insufficient because "[t]he EA[s] [are] silent as to the degree that each factor will be impacted and how the project design will reduce or eliminate the identified impacts." *Id.*

[14] We acknowledge that the EA here, unlike the EAs in *Klamath-Siskiyou*, does describe some of the ways in which the Amendment's impacts will be mitigated. The Amendment's EA contains a description of some mitigation measures, and the BLM State Director imposed additional measures in his April 2005 decision. The EA, however, fails to explain how Cortez will mitigate or avoid impacts to the different resources resulting from the *other* existing, proposed, or reasonably foreseeable projects, including the Pediment/Cortez Hills project. Further, as in *Klamath-Siskiyou*, the EA fails to explain the nature of *unmitigated* impacts of the Amendment's expanded exploration activities with other existing, proposed, and reasonably foreseeable activities.<sup>13</sup>

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<sup>13</sup>Although the EA tiers to a number of EAs and EISs, including the original HC/CUEP's EA, these documents do not supplement the EA's incomplete analysis. Like the EA for the Amendment, the EA for the original HC/CUEP did not discuss cumulative effects; rather, it referred to the direct effects of only the HC/CUEP within the cumulative effects area: "The effects of the activities to be conducted under the Proposed Action within the cumulative effects study area are expected to be minimal and

Despite the above deficiencies, Cortez argues that there was no need for a cumulative impact analysis because there are no cumulative impacts to analyze. Cortez suggests that it is not enough to show that potential cumulative impacts were not analyzed; rather, Plaintiffs must prove that cumulative impacts will actually occur. Cortez thus adopts the district court's reasoning, which concluded that the cumulative impacts analysis of the Amendment's EA was sufficient because Plaintiffs "failed to identify how [the Pediment/Cortez Hills project] will have a cumulative impact when combined with the HC/CUEP Amendment Project."

Although we have not yet precisely articulated the burden that a plaintiff must bear to demonstrate that an agency should have analyzed the cumulative impacts of a proposed project along with other projects, our case law suggests that the burden is not an onerous one. In *City of Carmel-By-The-Sea v. United States Department of Transportation*, 123 F.3d 1142 (9th Cir. 1997), we observed that the plaintiffs met their burden in raising a cumulative impacts claim under NEPA, despite failing to specify a particular project that would cumulatively impact the environment along with the proposed project. *Id.* at 1161. We declined to impose a greater burden, noting that "the [Defendants] failed first; they did not properly describe other area projects or detail the cumulative impacts of these projects." *Id.* Moreover, in *Klamath-Siskiyou*, we noted that when "the potential for . . . serious cumulative impacts is apparent," the BLM needed to provide more details of its cumulative impact analysis in an EA before concluding that there were no significant cumulative effects. 387 F.3d at 996.

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relatively short-term due to the nature of the proposed exploration activities and the special environmental protection measures to be used in the study area . . . ." Further, other EISs to which the Amendment's EA is tiered—the Pipeline/South Pipeline Pit Expansion EISs and the South Pipeline Project Final EIS—do not address impacts to Native American uses of the land.

[15] Applying *City of Carmel* and *Klamath-Siskiyou* here, we conclude that in order for Plaintiffs to demonstrate that the BLM failed to conduct a sufficient cumulative impact analysis, they need not show what cumulative impacts would occur. To hold otherwise would require the public, rather than the agency, to ascertain the cumulative effects of a proposed action. *See id.* Such a requirement would thwart one of the “twin aims” of NEPA—to “ensure[ ] that the *agency* will inform the *public* that it has indeed considered environmental concerns in its decisionmaking process.” *Balt. Gas & Elec. Co. v. Natural Res. Def. Council, Inc.*, 462 U.S. 87, 97 (1983) (emphasis added).

[16] Instead, we conclude that Plaintiffs must show only the potential for cumulative impact. Here, Plaintiffs more than carry their burden by demonstrating that both the Amendment and the Pediment/Cortez Hills project will directly impact the same resources within the cumulative effects area, and thus have the potential for cumulative impacts. Although not necessary, Plaintiffs bolster their claim of cumulative impacts to Cultural Resources and Native American Religious Concerns by submitting the ethnographic study prepared by the BLM for the original Pediment Deposit mining project. The study predicted that the mine could (1) impede the Western Shoshone’s visual and physical access to Mt. Tenabo; (2) decrease the supply of pinyon pine available for harvesting by the Western Shoshone; and (3) disturb Western Shoshone burial sites. These same concerns could be affected by the exploration activities conducted under the Amendment, potentially resulting in a total impact that is greater than that caused by either the Pediment/Cortez Hills project or the Amendment.<sup>14</sup>

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<sup>14</sup>Although the EA is vague about the activities that might impact Cultural Resources and Native American Religious Concerns, we do know that drill rigs will be used and that there will be surface disturbance in 50-acre plots, for a total of 250 acres. Because Mount Tenabo is located within the project area, these activities could, like the Pediment/Cortez Hills project, impede both physical and visual access to the mountain.

*See Klamath-Siskiyou*, 387 F.3d at 994 (“Sometimes the total impact from a set of actions may be greater than the sum of the parts. . . . [T]he addition of a small amount here, a small amount there, and still more at another point could add up to something with a much greater impact . . . .”).

[17] We conclude that BLM’s analysis of the cumulative impacts of the proposed Amendment and the Pediment/Cortez Hills project was insufficient, and therefore violated NEPA. NEPA requires the BLM to take a hard look at the cumulative impacts of the Amendment and other projects within the cumulative effects area; this it failed to do. We therefore hold that the district court erred in granting summary judgment for Defendants on this issue and remand to the district court with instructions to grant summary judgment for Plaintiffs and remand to the BLM for further proceedings. In light of our disposition of this issue, we need not address Plaintiffs’ argument that the Amendment and the Pediment/Cortez Hills project are “cumulative actions” under NEPA and should be considered in one comprehensive EIS. *See Klamath-Siskiyou*, 387 F.3d at 997, 1000 (observing that in light of an insufficient cumulative impact analysis, the court could not determine whether a single EA or EIS was needed); 40 C.F.R. § 1508.25(a)(2).<sup>15</sup>

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Also like the Pediment/Cortez Hills project, surface disturbance from the Amendment could disturb Western Shoshone burial sites. Finally, in the discussion of forestry impacts, the EA predicts that “some [pinyon pine] trees may be removed for construction of access roads and drill sites.” The combined destruction of pinyon pine by both the Pediment/Cortez Hills project and the Amendment could, cumulatively, result in the decreased availability of pinyon pine nuts for harvesting. None of these possibilities is discussed in the EA’s “Cultural Resources” or “Native American Religious Concerns” sections.

<sup>15</sup>Because we conclude that the cumulative impact analysis was incomplete, we need not address Plaintiffs’ argument that the BLM failed to discuss the cumulative impacts of the Amendment with the Cortez Underground Exploration Project and Cortez’s geothermal lease project.

In sum, although we conclude that in the EA, the BLM took a hard look at the direct impacts of the Amendment and that its discussion of reasonable alternatives was proper, we hold that the BLM violated NEPA's mandate by failing to conduct a proper analysis of the cumulative impacts of the Amendment and the Pediment/Cortez Hills project on Western Shoshone cultural resources in the area. We therefore conclude that the BLM's approval of the Amendment was "arbitrary, capricious, an abuse of discretion, or otherwise not in accordance with law . . . ." 5 U.S.C. § 706(2)(A).

### **B. National Historic Preservation Act**

[18] Plaintiffs also argue that the BLM's approval of the Amendment violated section 106 of the NHPA. Section 106 requires the BLM to "take into account the effect of [an] undertaking on any district, site, building, structure, or object that is included in or eligible for inclusion in the National Register [of Historic Places]." 16 U.S.C. § 470f. Like NEPA, "[s]ection 106 of NHPA is a 'stop, look, and listen' provision that requires each federal agency to consider the effects of its programs." *Muckleshoot Indian Tribe v. U.S. Forest Serv.*, 177 F.3d 800, 805 (9th Cir. 1999); *cf. United States v. 0.95 Acres of Land*, 994 F.2d 696, 698 (9th Cir. 1993) ("NHPA is similar to NEPA except that it requires consideration of historic sites, rather than the environment.").

The NHPA explicitly delegates authority to the Advisory Council on Historic Preservation "to promulgate such rules and regulations as it deems necessary to govern the implementation" of section 106. 16 U.S.C. § 470s. We have previ-

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Plaintiffs will have the opportunity to pursue these arguments before the agency when the BLM reexamines the cumulative impacts section. We also note that some of these arguments may be at issue in another case, *South Fork Band Council of Western Shoshone of Nevada v. United States Department of the Interior*, 588 F.3d 718 (9th Cir. 2009).

ously determined that federal agencies must comply with these regulations. *See Pit River Tribe v. U.S. Forest Serv.*, 469 F.3d 768, 787 (9th Cir. 2006); *Muckleshoot Indian Tribe*, 177 F.3d at 805. The section 106 process requires an agency to

make a reasonable and good faith effort to identify historic properties; determine whether identified properties are eligible for listing on the National Register . . . ; assess the effects of the undertaking on any eligible historic properties found; determine whether the effect will be adverse; and avoid or mitigate any adverse effects. The [agency] must confer with the State Historic Preservation Officer (“SHPO”) and seek the approval of the Advisory Council on Historic Preservation (“Council”).

*Muckleshoot Indian Tribe*, 177 F.3d at 805 (citations omitted).

In some cases, “[p]roperties of traditional religious and cultural importance to an Indian tribe . . . may be determined to be eligible for inclusion on the National Register.” 16 U.S.C. § 470a(d)(6)(A). The BLM refers to such properties as “properties of cultural and religious importance” or “PCRIs.” The NHPA implementing regulations require the BLM, at all stages of the section 106 process, to consult with tribes that “attach[ ] religious and cultural significance to historic properties that may be affected by an undertaking.” 36 C.F.R. § 800.2(c)(2)(ii). “The goal of consultation is to identify historic properties potentially affected by the undertaking . . . .” *Id.* § 800.1.

The BLM consulted with the Tribe in 2000 to determine if there were any PCRIs within the project area, in connection with Cortez’s original proposal to conduct HC/CUEP exploration activities. On July 27, 2001, the Tribe responded to the BLM’s inquiries by submitting a map outlining the bounda-

ries of what it called “traditional cultural property.”<sup>16</sup> On the basis of this submission, further consultations with the Tribe, and various ethnographic reports regarding the area, the BLM evaluated several sites to determine whether they were eligible for listing on the National Register.<sup>17</sup> In April 2004, the BLM determined that two sites were eligible: (1) Horse Canyon and (2) the top of Mount Tenabo and the White Cliffs of Mount Tenabo (a combination of two of the evaluated PCRI).<sup>18</sup>

Under section 106, the BLM was required to consider the Amendment’s effects on the two sites, identify any adverse effects, and avoid or mitigate any adverse effects. *See* 36 C.F.R. §§ 800.5, 800.6. The BLM, in the original DR/FONSI for the Amendment, concluded that because of the avoidance measures outlined in the EA, “there is no potential for impacts to cultural resources from surface disturbance exploration activities.” After Plaintiffs complained that the EA violated the NHPA, the BLM State Director reviewed the DR/FONSI and added the exclusion zone protocol. Plaintiffs continue to argue, as they did before the BLM State Director, that the BLM violated the NHPA because (1) the BLM failed to adequately consult with the Tribe and (2) the BLM State Director’s decision was incorrect and unsupported by the record.

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<sup>16</sup>The term “traditional cultural property” or “TCP,” is a term used by the National Park Service to refer to “properties of traditional religious and cultural importance” that may be eligible for listing on the National Register under 16 U.S.C. § 470a(d)(6)(A). *See* Patricia L. Parker & Thomas F. King, National Park Service, National Register Bulletin 38, Guidelines for Evaluating and Documenting Traditional Cultural Properties 1 (1998), *available at* <http://www.nps.gov/history/nr/publications/bulletins/pdfs/nrb38.pdf> (last visited June 11, 2010). The term “TCP” is analogous to “PCRI”; it describes land that Native American tribes have identified as having cultural or religious significance.

<sup>17</sup>Five sites were evaluated: (1) Shoshone Camp; (2) the top of Mount Tenabo; (3) pinyon pine in the Pediment area; (4) the White Cliffs on the Pediment side of Mount Tenabo; and (5) Horse Canyon.

<sup>18</sup>The BLM has determined that other sites on the pediment, such as pinyon camps and longer-term occupation areas, were National Register eligible as ethnohistoric/archaeological sites, rather than as PCRI.

### 1. Insufficient Consultation with the Tribe

[19] We first consider Plaintiffs’ argument that the BLM approved the Amendment without complying with its duty under the NHPA to consult with the Tribe. The NHPA implementing regulations require agencies to provide a tribe with “a reasonable opportunity to identify its concerns about historic properties, advise on the identification and evaluation of historic properties, including those of traditional religious and cultural importance, articulate its views on the undertaking’s effects on such properties, and participate in the resolution of adverse effects.” 36 C.F.R. § 800.2(c)(2)(ii)(A).<sup>19</sup> Further, “[c]onsultation [with Indian tribes] should commence early in the planning process, in order to identify and discuss relevant preservation issues,” *id.*, and “must recognize the government-to-government relationship between the Federal Government and Indian tribes,” *id.* § 800.2(c)(2)(ii)(C).

Plaintiffs argue that the BLM failed to initiate consultation with the Tribe in a timely fashion. Cortez proposed the Amendment to the BLM in July 2003. The BLM waited a full year to contact the Tribe, notifying the Tribe about the proposed Amendment in a July 28, 2004, letter after it had contacted all other “consulting parties.” The BLM sent this letter to the Tribe approximately one month before the BLM submitted the EA for the Amendment for public comment and three months before the BLM issued its first DR/FONSI. The BLM also left at least two phone messages with the Tribe in September. Although consultation about the Amendment between the BLM State Director and the Tribe eventually

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<sup>19</sup>In arguing that the BLM violated the NHPA’s consultation requirements, Plaintiffs argue that the BLM was not responsive to GBMW’s and WSDP’s October 2004 requests for more information regarding the project. This argument fails because neither group is a federally recognized tribe to which the NHPA’s consultation requirements extend nor do Plaintiffs point to evidence in the record showing that either party was acting as “representatives designated or identified by the tribal government.” *See* 36 C.F.R. § 800.2(c)(2)(ii)(C).

took place, the consultation occurred after the BLM issued its DR/FONSI.

The BLM and Cortez argue that, in light of the BLM's previous consultation with the Tribe for the original HC/CUEP and other projects in the area, the BLM provided the Tribe with a sufficient "opportunity to identify its concerns about historic properties" as provided by 36 C.F.R. § 800.2(c)(2)(ii)(A). We agree. Notably, this case has a somewhat unique historic background, because the BLM began consulting with the Tribe while working on the original HC/CUEP and other projects. Indeed, as a result of one of the ethnographic studies that was a part of this earlier process, Mount Tenabo/White Cliffs and Horse Canyon were designated as National Register eligible PCRI. We also note that the Amendment did not propose to enlarge the project area in which exploration would take place; rather, it increased the amount of land that could be disturbed within the project area. Plaintiffs acknowledge these past efforts by explicitly stating that they do not challenge the BLM's previous efforts to identify historical, cultural, or religious sites within the project area. As emphasized by Plaintiffs, "[t]he issue is whether BLM properly conducted government-to-government consultation on *this* Project . . . ."

Here, Plaintiffs do not identify any new information that the Tribe would have brought to the attention of the BLM had it been consulted earlier in the approval process for the Amendment. Significantly, they concede that the BLM's research and investigation of culturally important sites was adequate for the original HC/CUEP EA. They thus fail to show or even argue that early consultation would have prevented any adverse effect on any yet-to-be identified National Register eligible PCRI. Additionally, Plaintiffs do not identify any new information regarding how the additional exploration would adversely affect the identified PCRI, again failing to demonstrate how early consultation with the Tribe might have affected the BLM's determination.

Moreover, the fundamental purpose of the NHPA is to ensure the preservation of historical resources. *See* 16 U.S.C. § 470a(d)(1)(A) (requiring the Secretary to “promulgate regulations to assist Indian tribes in preserving their particular historic properties” and “to encourage coordination . . . in historic preservation planning and in the identification, evaluation, protection, and interpretation of historic properties”); *see also Nat’l Indian Youth Council v. Watt*, 664 F.2d 220, 226 (10th Cir. 1981) (“The purpose of the National Historic Preservation Act (NHPA), is the preservation of historic resources.”). Early consultation with tribes is encouraged by the regulations “to ensure that all types of historic properties and all public interests in such properties are given due consideration . . . .” 16 U.S.C. § 470a(d)(1)(A); *cf. Pit River Tribe*, 469 F.3d at 785-86 (holding that dilatory environmental review is insufficient to comply with NEPA because “inflexibility may occur if delay in preparing an EIS is allowed: After major investment of both time and money, it is likely that more environmental harm will be tolerated.” (quoting *Save the Yaak Comm. v. Block*, 840 F.2d 714, 718 (9th Cir. 1988) (internal quotation marks and citations omitted))). While the Plaintiffs are correct that the NHPA’s implementing regulations “recognize the government-to-government relationship between the Federal Government and Indian tribes,” they do so to ensure that consultation “be conducted in a manner sensitive to the concerns and needs of the Indian tribe . . . .” 36 C.F.R. § 800.2(c)(2)(ii)(C).

[20] In sum and as reflected in the record, the BLM has consulted with the Tribe regarding PCRIs within the project area for many years. In addition, the Tribe has made no showing that it would have provided new information had it been consulted again earlier in the Amendment’s approval process. We therefore conclude that the BLM did not violate its obligation to consult with the Tribe and thus did not violate the NHPA. 36 C.F.R. § 800.1; *see also Muckleshoot Indian Tribe*, 177 F.3d at 806-07; *Morongo Band of Mission Indians v.*

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FAA, 161 F.3d 569, 582 (9th Cir. 1998); *cf. Pit River Tribe*, 469 F.3d at 785-86.<sup>20</sup>

## 2. Incorrect or Unsupported “No Effect” Determination

Next, Plaintiffs argue that, even if the Tribe was properly consulted, the BLM’s “no effect” determination under the NHPA was improper. We are not convinced.

[21] First, we do not agree that approval of a phased project in its entirety always results in a violation of the NHPA. As noted above, the NHPA, like NEPA, is a procedural statute requiring government agencies to “stop, look, and listen” before proceeding with agency action. For the same reasons that we concluded in the NEPA context that a phased exploration project in some circumstances can be fully approved without all the details of the separate phases of exploration, we reach the same conclusion in the NHPA context. *See, e.g., Great Basin Mine Watch*, 159 IBLA at 356 (holding that the BLM did not violate the NHPA when it approved all phases of a project without knowing exact locations of access roads and drill sites, because it had surveyed the entire project area for cultural properties, identified sites eligible for listing in the National Register, and imposed conditions “to ensure avoidance of impacts to those eligible sites”).

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<sup>20</sup>We note that Plaintiffs also complain that the DR/FONSI relies on a 2004 Programmatic Agreement that the BLM entered into with the Nevada SHPO, Cortez, and the Advisory Council on Historic Preservation, pursuant to 36 C.F.R. § 800.14(b), to guide the BLM’s management of cultural resources in the project area. According to Plaintiffs, the 2004 agreement cannot substitute for consultation with the Tribe, because the Tribe is not a signatory to the document. As the State Director’s decision notes, however, the BLM did not rely on the 2004 agreement, but rather on a 1992 Programmatic Agreement between the same parties. In light of this fact, we place no significance on the initial DR/FONSI’s reference to the 2004 Programmatic Agreement.

Second, Plaintiffs' argument that the exclusion zone procedures do not offer adequate protection to cultural resources under the NHPA is without merit.<sup>21</sup> According to Plaintiffs, the National Register eligible PCRI in the project area are of a "landscape-scale" and therefore are not susceptible to protection by "zones." Plaintiffs are correct that the PCRI designated by the BLM as eligible for the National Register encompass large areas of land. The NHPA, however, does not mandate protection of all parts of an eligible PCRI. Section 106 requires a federal agency "[to] take into account the effect of the undertaking on any district, site, building, structure, or object that is included in or eligible for inclusion in the National Register." 16 U.S.C. § 470f; *see also* 36 C.F.R. § 800.6(b). The NHPA regulations, however, define an "effect" as an "alteration to the characteristics of a historic property qualifying it for inclusion in or eligibility for the National Register." 36 C.F.R. § 800.16; *see also id.* § 800.5(a)(1) (defining an "adverse effect" as the direct or indirect alteration of "any of the characteristics of a historic property that qualify the property for inclusion in the National Register in a manner that would diminish the integrity of the property's location, design, setting, materials, workmanship, feeling, or association").

[22] Here, the eligible PCRI's characteristics described in the BLM's April 2004 report are discrete features such as the top of Mt. Tenabo, the "white quartz ledge on the south face of Mt. Tenabo" called the White Cliffs, a network of caves within the mountain, and burial locations. Characteristics that made Horse Canyon eligible included the specific resources available there: perennial surface water and unique medicinal

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<sup>21</sup>We also dismiss Plaintiffs' argument that the BLM's mitigation measures fail to require adequate consultation with the Tribe because the BLM alone will make certain determinations without input from the Tribe, such as the precise location of exclusion zones. Plaintiffs' argument fails because the actions to which Plaintiffs refer are post-consultation and post-approval mitigation measures; section 106 does not mandate consultation at this post-approval stage of the project.

and edible plants. Although it is understandable that the Tribe values the landscape of the project area as a whole, the NHPA requires that the BLM protect only against adverse effects on the features of these areas that make them eligible for the National Register. Plaintiffs have not demonstrated that the exclusion zones will fail to prevent any adverse effects to these features.

[23] Because we conclude that the BLM's approval of all phases of the Amendment does not constitute a violation of the NHPA, and that the exclusion zone protocol sufficiently protects the features that make the designated PCRI National Register eligible, we hold that the BLM's "no effect" determination under the NHPA was proper.

### C. Federal Land Policy and Management Act

[24] Last, we address Plaintiffs' argument that the BLM's approval of the Amendment violated the FLPMA. The FLPMA requires that the BLM "by regulation or otherwise, take any action necessary to prevent unnecessary or undue degradation of the lands." 43 U.S.C. § 1732(b). The BLM has promulgated "surface management" regulations to implement this statutory mandate. *See, e.g.*, 43 C.F.R. § 3809 (partially codifying Mining Claims Under the General Mining Laws; Surface Management, 65 Fed. Reg. 69,998-70,132 (Nov. 21, 2000)). The surface management regulations require "[a]nyone intending to develop mineral resources on the public lands [to] prevent unnecessary or undue degradation of the land," and they "establish[ ] procedures and standards to ensure that operators and mining claimants meet this responsibility . . ." 43 C.F.R. § 3809.1(a). By their terms, the regulations govern the proposals and activities of mining operators. *See id.* § 3809.1(b).

Plaintiffs contend that Cortez did not comply with several regulations implementing the FLPMA. Specifically, Plaintiffs argue that Cortez failed to submit required information with

its proposal for the Amendment as required by 43 C.F.R. § 3809.401. They also argue that the Amendment's plan of operations fails to satisfy a number of performance standards set forth in 43 C.F.R. § 3809.420. Because Cortez allegedly failed to fulfill its obligations under these regulations, Plaintiffs argue that the BLM failed to prevent unnecessary or undue degradation of federal lands and therefore violated the FLPMA when it approved the Amendment. We disagree.

### **1. Failure to Provide Plan of Operations Components**

Plaintiffs first argue that the BLM's approval of the Amendment without obtaining information from Cortez as required in 43 C.F.R. § 3809.401(b) violated the FLPMA. Section 3809.401(b) requires that mining operators "describe the proposed operations at a level of detail sufficient for BLM to determine that the plan of operations prevents unnecessary or undue degradation . . . ." 43 C.F.R. § 3809.401(b). The BLM "require[s] less information about smaller and simpler mining operations." 65 Fed. Reg. at 70,004. In general, information specified under § 3809.401(b)(2) "is only required to the extent it is applicable to the operation." 65 Fed. Reg. at 70,040-42; *see also* 43 C.F.R. §§ 3809.401(b)(2), 3809.401(b)(5).

We quickly dispose of several of Plaintiffs' challenges to alleged deficiencies in the Amendment's plan of operations because they are simply not applicable to the Amendment. We reject Plaintiffs' vague and unsupported contentions that (1) the plan of operations failed to contain a number of detailed plans and descriptions as set forth in 43 C.F.R. § 3809.401(b), and (2) the BLM failed to require an interim management plan under 43 C.F.R. § 3809.401(b)(5), or cross sections, preliminary or conceptual designs, and operating plans for approved projects under 43 C.F.R. § 3809.401(b)(2)(ii). These regulations apply to mining operations, not exploration projects like the HC/CUEP. *See* 43

C.F.R. § 3809.401(b)(2)(ii) (requiring information only “for mining areas, processing facilities, and waste rock and tailing disposal facilities”); 65 Fed. Reg. at 70,042 (explaining that the interim management plan regulation was added pursuant to Recommendation 5 of the National Research Council’s *Hardrock Mining on Federal Lands* 101 (1999), which addresses the need for interim plans for mine closure).

With regard to the information that is required, we reject Plaintiffs’ arguments that the BLM approved the Amendment without the benefit of a complete description of the proposed operations, a general schedule of operations, and a monitoring plan. *See* 43 C.F.R. § 3809.401(b). These elements can be found in the Amendment’s proposal and EA. Because Plaintiffs cannot demonstrate that the Amendment did not “describe the proposed operations at a level of detail sufficient for BLM to determine that the plan of operations prevents unnecessary or undue degradation,” these arguments fail. 43 C.F.R. § 3809.401(b).

[25] We also reject Plaintiffs’ argument that the BLM’s approval of the Amendment was improper because it did not have “[m]aps of the project area at an appropriate scale showing the location of exploration activities, drill sites . . . and access routes . . . .” 43 C.F.R. § 3809.401(b)(2)(i). They argue that in so doing, the BLM failed to fulfill its obligation to prevent unnecessary and undue degradation under the FLPMA. The IBLA considered a similar argument in *Great Basin Mine Watch* and concluded that the BLM had not violated 43 C.F.R. § 3809.401(b)(2)(i) or the FLPMA when it approved a plan of operations for a similarly phased exploration project that did not “provide any significant details for the phases other than Phase I.”<sup>22</sup> *Great Basin Mine Watch*, 159 IBLA at

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<sup>22</sup>The IBLA’s decision considered the BLM’s compliance under the pre-2001 regulations, which contained slightly different wording and were organized into sections in a manner different than the current regulations. 159 IBLA at 345, n.9. The differences, however, do not affect our analysis of the issues here.

345; *see id.* at 347-48. In the NEPA and NHPA contexts, we found *Great Basin Mine Watch*'s reasoning to be persuasive regarding the level of detail required for approval of phased exploration projects. We have no reason to resolve this issue any differently in the FLPMA context. We therefore conclude that the BLM's approval of the Amendment without all of the details for the separate phases of exploration did not violate the FLPMA.

## 2. Failure to Meet Performance Standards

Plaintiffs also argue that the BLM violated the FLPMA when it approved the Amendment's plan of operations, despite its failure to meet two of the performance standards set forth in 43 C.F.R. § 3809.420. Although a plan of operations must comply with these performance standards, the BLM may "approve [a] plan of operations subject to changes or conditions that are necessary to meet the performance standards of § 3809.420 and to prevent unnecessary or undue degradation." 43 C.F.R. § 3809.411(d)(2).

Plaintiffs first contend that Cortez failed to specify access routes for the Amendment's additional exploration activities in violation of 43 C.F.R. § 3809.420(b)(1). That regulation requires that, "[w]here a notice or a plan of operations is required, it shall specify the location of access routes . . . ." While Cortez did not specify access routes at the time of approval, the BLM set forth in the Amendment's EA, the original DR/FONSI, and the modified DR/FONSI, that Cortez needed to "submit 1:24,000 maps showing the locations of the proposed drill pads and access roads" prior to any earth-disturbing activities.

[26] Plaintiffs also argue that, in approving the Amendment, the BLM failed to protect cultural resources pursuant to 43 C.F.R. § 3809.420(b)(8). The regulation mandates that:

- (i) Operators shall not knowingly disturb, alter, injure, or destroy any scientifically important pale-

ontological remains or any historical or archaeological site, structure, building or object on Federal lands.

(ii) Operators shall immediately bring to the attention of the authorized officer any cultural and/or paleontological resources that might be altered or destroyed on Federal lands by his/her operations, and shall leave such discovery intact until told to proceed by the authorized officer. The authorized officer shall evaluate the discoveries brought to his/her attention, take action to protect or remove the resource, and allow operations to proceed within 10 working days after notification to the authorized officer of such discovery.

43 C.F.R. § 3809.420(b)(8)(i)-(ii). As it did with the access routes in the Amendment's EA and DR/FONSI, the BLM imposed conditions on the Amendment's plan of operations that served to fulfill this performance standard. Under the EA and DR/FONSI, once Cortez has provided maps showing specific drill sites, the BLM must take affirmative steps to evaluate cultural resources in the area and to protect those resources through avoidance measures.<sup>23</sup> Further, the EA

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<sup>23</sup>The EA acknowledges that in some cases, proposed earth-disturbing activities may not be able to avoid sites eligible for the National Register. Section 3809.420(b)(8)(ii), however, does not appear to require an operator to avoid cultural resources at any cost: the operator "shall leave such discovery intact until told to proceed by the authorized officer." *Id.*

In their reply brief, Plaintiffs argue that 43 C.F.R. § 3809.420(b)(8) mandates the protection of a broader set of cultural resources than are protected by the NHPA. For this reason, Plaintiffs argue, the mitigation measures imposed by the BLM, which are directed only at protecting PCRIs eligible for inclusion on the National Register pursuant to the NHPA, do not protect other cultural resources and therefore do not fulfill the performance standard in § 3809.420(b)(8). Because Plaintiffs failed to pursue this line of argument in their opening brief, and because Plaintiffs fail to support this argument beyond its bare assertion, we deem the argument waived. See *Entm't Research Group v. Genesis Creative Group*, 122 F.3d 1211, 1217 (9th Cir. 1997).

requires that Cortez, “within 24 hours, notify proper authorities and the BLM if subsurface cultural resources are discovered during construction, operation, or reclamation activities” and to “immediately cease earth-disturbing activities within 100 meters of the discovery, until the discovery can be examined by the proper authorities and/or a BLM-approved archaeologist.” Under the EA, Cortez can “only resume [earth-disturbing activities] once cleared by the BLM or other appropriate authority.” These procedures were later modified by the State Director to provide even further protection to any newly discovered historical, archaeological, or paleontological resources. Consequently, we conclude that the Amendment meets the performance standards in §§ 3809.420(b)(1) and 3809.420(b)(8) and affirm the district court’s award of summary judgment to the BLM and Cortez on Plaintiffs’ FLPMA claims.

### **III. Conclusion**

Because the BLM approved the Amendment to the HC/CUEP in violation of NEPA, we reverse the district court’s award of summary judgment to Defendants and remand to the district court so that it may enter summary judgment in favor of Plaintiffs on their NEPA claim and remand the matter to the BLM for further proceedings. On the NHPA and FLPMA claims, we affirm the district court’s grant of summary judgment to Defendants. **AFFIRMED** in part and **REVERSED** in part, and **REMANDED** for further proceedings consistent with this opinion. Each side shall bear its own costs on appeal.

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Apr 28 2009 16:08:24 EDT  
**To:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>; "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlafor@fs.fed.us>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**CC:** <sshafiqullah@fs.fed.us>  
**Subject:** Conversation with Salek  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Everyone-

I wanted to fill you in on a discussion that Salek and I had. He stopped by on his way out to touch base about the Hydrology conf calls. I updated him on the happenings of the last IDT meeting and the cancellation of the bi-weekly conference calls. We also discussed the new tech reports that have been received. I gave him a CD of the Tailings Design report that was submitted last week. When he asked about a hard copy, I informed him that Rosemont is only submitting one copy.

A few thoughts-

1. We need to decide on a process of notifying specialists or core team members of the availability of Tech Reports. I could send out an announcement through WebEx of reports that have been received when I get them uploaded, if Bev feels this is appropriate. An announcement would be able to be reviewed by anyone on the sight and it's history could be referenced.
2. I know this was discussed with Bev last week, but could Rosemont be given some guidelines of what is required for submission? When we spoke about it, I think we came to a number of 6 hard copies. At least 2 copies for SWCA would be appreciated (1 for AR and 1 for library). You may also want to be sure to include a copy for specialists responsible for reviewing the document.
3. I was thinking that, as we move to crucial steps in the process, is there something we can do to keep the team apprised of meetings and things that happened. It might just be a matter of my posting up brief (draft, of course) notes from the meeting on WebEx in case someone needs to catch up on something missed.

I welcome any feedback you might have.

Thanks!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

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(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes



**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Thu Apr 30 2009 19:55:41 EDT  
**To:** <tciapusci@fs.fed.us>; <rlaford@fs.fed.us>; <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; <ccoyle@swca.com>  
**Subject:** Admin Record  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Ladies-

Victoria and I were talking together today. I had been planning on her working on making the items that would definitely make it into the Admin Record to abide by the 1" margins requirement. However, when I thought about it- will we still need 1" margins? From what I understand, the 1" margins were for limiting text cut off during duplication of the record. Now that we are doing a completely electronic record as well, wouldn't we duplicate from that? If so, do we need the extra work of adjusting all pages to 1" margins? We notice that Jeanine's letters to Cooperators don't even abide by that guideline. Chances are, we would need to alter a significant % of the record. So, is the 1" margin requirement still necessary? You may also want to consider whether the single-sided requirement still stands for the same line of reason.

I look forward to hearing your thoughts!

Thanks!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

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## Issues

Federal agencies are required to identify significant issues to be analyzed in depth in the Environmental Impact Statement (40 Code of Federal Regulations 1501.7). These issues and factors for alternative comparison are based on careful review of public input received during scoping, consultation with cooperating agencies, and internal review by Coronado National Forest and SWCA Environmental Consultants specialists. Significant issues drive the development of alternatives considered in detail, mitigation, and monitoring, as well as focusing the analysis of potential effects.

|                                                                       |          |
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| <b>ISSUE 2: IMPACT ON AIR QUALITY .....</b>                           | <b>2</b> |
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## **ISSUE 1: IMPACT ON LAND STABILITY AND SOIL PRODUCTIVITY**

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**Issue 1:** Ground disturbance from clearing vegetation, grading, and stockpiling soils may accelerate erosion and reduce soil productivity. The tailings and waste rock piles may be unstable over time, and reclamation may not adequately result in a stable, revegetated landscape. Geochemical composition of tailings and waste rock piles may not support natural vegetation. Soils are non-renewable resources, and loss of the soil resource may result in an irretrievable loss of soil productivity.

### *Issue 1 Factors for alternative comparison*

- Qualitative assessment of long-term stability of tailings and waste piles
- Character of risks to stability through time, including expected results of reclamation
- Area of disturbance leading to lost soil productivity (acres)
- Qualitative assessment of the potential for revegetation, given the geochemical composition of tailings and waste rock piles
- Sediment delivery to Davidson Canyon, Cienega Creek, or other streams and washes, compared with background sediment loading (tons)

## **ISSUE 2: IMPACT ON AIR QUALITY**

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**Issue 2:** This issue relates to changes in air quality that may occur from the mining operation. Construction, mining, and reclamation activities at the mine and along transportation and utility corridors may increase dust, airborne chemicals, and vehicular emissions in the affected area. Air quality standards may be compromised. The Clean Air Act (CAA) and other laws, regulations, policies, and plans set thresholds for air quality, including Class I wilderness airsheds. The emission of greenhouse gases (GHGs) has been implicated in global climate change, and the policy of the federal government is to reduce these emissions when possible (Executive Order 13514).

### *Issue 2 Factors for alternative comparison*

- Particulate emission estimates, compared with background and threshold (PM 2.5, PM 10)
- GHG emission estimates, compared with background and threshold (GHG estimates in tons)
- Qualitative assessment of the effectiveness of mitigation measures to protect air quality and meet CAA standards for Class I airsheds and elsewhere

## **ISSUE 3: IMPACT ON WATER RESOURCES**

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This group of issues relates to the effects of the mine construction, operation, and closure on quality and quantity of water for beneficial uses, wells, and stock watering. The loss of water availability to riparian and other plant and animal habitat is addressed in Issues 3 and 4.

**Issue 3A:** The proposed open-pit mine may reduce groundwater availability to private and public wells in the vicinity of the Rosemont well fields. Household water availability may be reduced.

### *Issue 3A Factors for alternative comparison*

- Degree of change in water table level (feet), including annual average and range, compared with background and thresholds of concern
- Locations where water resources may be impacted above threshold of concern (geographic extent)

**Issue 3B:** Water needed to run the mine facility might reduce groundwater availability in the Santa Cruz Valley.

*Issue 3B Factor for alternative comparison*

- Water needed for operations from the Santa Cruz Valley, compared with background and threshold of concern

**Issue 3C:** Construction and operation of the mine pit, along with tailings, waste rock, and leach facilities, may result in a loss of groundwater quality. The mine pit may fill with water and create a lake that may have an unnatural concentration of chemicals.

*Issue 3C Factors for alternative comparison*

- Ability to meet State of Arizona aquifer water quality standards
- Ability to demonstrate “Best Available Control Technology” (qualitative assessment of mitigation effectiveness)

**Issue 3D:** Construction and operation of the pit, waste rock, and tailings facilities may result in changes in surface water discharge to Davidson Canyon and Cienega Creek. The availability of water for stock water tanks may be reduced.

*Issue 3D Factor for alternative comparison*

- Qualitative assessment of impacts on beneficial uses of water
- Stock watering tanks that will be unavailable (number)

**Issue 3E:** Construction and operation of tailings, waste rock, and leach facilities may result in sediment or other pollutants reaching surface water and degrading water quality, leading to a loss of beneficial uses. Sediment (see soil issue above) may enter streams, increase turbidity, and violate water quality standards.

*Issue 3E Factor for alternative comparison*

- Qualitative assessment of the effectiveness of mitigation measures to protect water quality and meet Clean Water Act standards

## **ISSUE 4: IMPACT ON SPRINGS, SEEPS, AND RIPARIAN HABITATS**

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**Issue 4:** This issue relates to the potential impacts on riparian habitat resulting from the alteration of surface and subsurface hydrology from the pit and other operations. Potential impacts may include loss of riparian habitat and fragmentation of riparian habitat and corridors.

*Issue 4 Factors for alternative comparison*

- Total riparian habitat disturbed, unique or uncommon riparian habitat disturbed, wildlife corridors disturbed (acres)
- Total riparian habitat lost, unique or uncommon riparian habitat lost (acres)
- Seeps and springs lost or degraded (number)
- Qualitative assessment of ability of alternative to meet current legal and regulatory requirements for riparian areas

## **ISSUE 5: IMPACT ON PLANTS AND ANIMALS**

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This group of issues focuses on effects on plant and animal habitats other than riparian and the viability of populations of species of conservation concern. Many aspects of the mine operations have the potential to adversely affect individuals, populations, and habitat for plants and animals. Species of conservation concern (federally listed, U.S. Forest Service [Forest Service] and Bureau of Land Management [BLM] Sensitive, Management Indicator Species [MIS], and migratory birds) may be adversely affected. This issue includes the potential for impacts on wildlife from light, noise, vibration, traffic, and other disturbance from the proposed mining operations.

**Issue 5A:** The pit, plant, tailings and waste piles, road and utility corridors, and other facilities may result in a permanent change to the vegetation, and reclamation may not restore natural conditions.

*Issue 5A Factors for alternative comparison*

- Short- and long-term change in vegetation communities (acres)
- Area receiving reclamation measures (acres)
- Qualitative assessment of ability of alternative to meet current ecological conservation policies and designations

**Issue 5B:** The mine itself and ancillary facilities may result in the loss of habitat, individuals, or populations of botanical species of conservation concern.

*Issue 5B Factors for alternative comparison*

- Number of individual plants and/or acres of habitat lost, modified, or indirectly impacted, expressed as a proportion of the total range of each botanical species of concern
- Qualitative assessment of how dust or particulate emissions impact plant species of conservation concern
- Qualitative assessment of effectiveness of mitigation to reduce impacts on botanical species of conservation concern
- Potential for alternative to jeopardize the viability of any species
- Area that would no longer meet current *Coronado National Forest Land and Resource Management Plan*, as amended (Forest Plan) management direction for plants (Forest Service 1986) (acres)

**Issue 5C:** The mine operations may create conditions conducive to the introduction, establishment, and/or spread of non-native species that may out-compete native vegetation and degrade plant communities. Forest Service and other federal, state, and local laws, regulations, policies, and plans contain management direction for invasive plants.

*Issue 5C Factor for alternative comparison*

- Qualitative assessment of effectiveness of mitigation to reduce the potential for invasive species introduction, establishment, and/or spread

**Issue 5D:** The mine operations may modify and/or fragment the north-south wildlife migration corridor and/or reduce connectivity between habitats. The transportation system and increased traffic could result in more wildlife road kills.

*Issue 5D Factors for alternative comparison*

- North-south wildlife migration corridors modified and/or lost (acres)

- Qualitative assessment of the change in connections between wildlife habitats
- Qualitative assessment of how increased volume of traffic could result in road kills of various animal species

**Issue 5E:** The mine operations may impact habitat for animal species of concern. Species of concern include those afforded protection under the Endangered Species Act and candidates to be listed, Forest Service and BLM Sensitive species, MIS, Arizona Game and Fish Department’s Wildlife of Special Concern in Arizona, and Sonoran Desert Conservation Plan Priority Vulnerable Species. The Forest Service is required to maintain population viability of animal species and avoid or minimize adverse impacts on species of concern. The alternatives were developed to reduce impacts on habitats for animal species of concern.

*Issue 5E Factors for alternative comparison*

- Habitat lost expressed as a proportion of the total amount of habitat for each animal species of concern (acres/percent)
- Qualitative assessment of effectiveness of mitigation in minimizing and/or avoiding impacts on habitat for animal species of concern
- Potential for alternative to jeopardize the population viability of any species
- Area that would no longer meet current Forest Plan management direction for wildlife habitat (acres)

**Issue 5F:** Mine operations, including drilling and blasting, may result in noise and vibrations that impact animal behavior and result in negative impacts on wildlife. Nocturnal and other animals may be adversely affected by the lit-up night skies.

*Issue 5F Factors for alternative comparison*

- Character of impact on animals from noise, vibration, and light
- Effectiveness of mitigation to reduce impact on wildlife from disturbance

## **ISSUE 6: IMPACT ON VISUAL RESOURCES**

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**Issue 6:** This issue focuses on the visual impacts that result from the mining pit, placement of tailings and waste rock piles, and development and use of other facilities. The proposed mine tailings and waste rock piles would create significant changes to the landscape within the mine footprint. The piles may block valued mountain views. The processing plant and transportation and utility corridors may also affect visual resources in the area. The character of Scenic Highway 83 may change. The ability for the area to meet assigned visual quality objectives (VQOs) in the Forest Plan may be reduced. Regardless of mitigation measures or reclamation required, the scenic quality of the landscape may be permanently degraded.

*Issue 6 Factors for alternative comparison*

- Area that would no longer meet current Forest Plan VQO designations (acres)
- Qualitative assessment/degree of change in landscape character from Key Observation Points over time
- Percentage of State Route 83 that would no longer meet scenic byway criteria

## **ISSUE 7: IMPACT ON RECREATION**

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**Issue 7:** This issue focuses on the effects of the mining operation on recreational opportunities on National Forest System lands, including loss of access, loss of or reduction in solitude, remoteness, rural setting, and quiet. The mine operation may lead to permanent changes to recreation settings (Recreation Opportunity Spectrum [ROS]) and/or the type of recreation available and may result in increased pressure on public and private lands in other places to compensate for lost opportunities.

### *Issue 7 Factors for alternative comparison*

- Area that would no longer meet current Forest Plan ROS designations (acres)
- Area of national forest land that would no longer be available for recreational use (acres)
- Audio “footprint:” potential for noise to reach recreation areas (acres)
- Qualitative assessment of impacts to solitude in wilderness and other backcountry areas
- Hunting permits/opportunities modified or lost (quantity)
- Length and number of trails/trailheads that would no longer be available to the public
- Qualitative assessment of increased pressure on other areas
- Qualitative assessment of effectiveness of mitigation to offset recreation losses

## **ISSUE 8: IMPACT ON PUBLIC SAFETY**

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**Issue 8:** This issue focuses on the impact of increased traffic from the mine site on construction, operation, and maintenance of new and reconstructed roadways and the potential for increased volume of traffic. Oversized vehicles and the transport of personnel, equipment, supplies, and materials related to the mining operation have the potential to increase traffic and reduce public safety. Hazardous materials would be transported, which may increase the risk of a spill or other public safety impact. Another aspect of this issue is human health risks to national forest visitors if they accidentally come near the mine operations, tailings, or waste rock piles. Air quality impacts as a result of the operation may be harmful to public health.

### *Issue 8 Factors for alternative comparison*

- Change in type and pattern of traffic by road and vehicle type
- Trip count per day for all hazardous materials
- Qualitative assessment of transportation conflicts
- Qualitative assessment of public health risk from mine operations and facilities
- Qualitative assessment of ability of alternative to meet air quality standards for human health

## **ISSUE 9: IMPACT ON DARK SKIES AND ASTRONOMY**

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**Issue 9:** This issue relates to the potential for the mining operation and facilities to reduce night sky visibility. Increased light, air particulates, and gases from mine-related facilities, equipment, vehicles, and processes may diminish dark skies. The increased sky glow could reduce visibility of stars, planets, satellites, and other celestial objects. Area residents, recreationists, research and amateur astronomers, and stargazers value the current dark skies in the area. Key observation points and the Smithsonian’s Fred Lawrence Whipple Astrophysical Observatory may be adversely affected. This issue also relates to the impact of particulate emissions and vibration from blasting and drilling on sensitive astronomy equipment.

Pima County has a night sky lighting code. The Mine Plan of Operations is exempt from this code, and some aspects of the operation may not be able to conform to the code (because of worker safety concerns).

*Issue 9 Factors for alternative comparison*

- Distribution of fractional increase in sky brightness from mine facility and vehicle lighting
- Area that would not meet lighting code (acres)
- Qualitative assessment of effectiveness of mitigation measures to reduce dust and impact night sky visibility
- Vibration detectable at telescope sites (inches/second peak particle velocity)
- Qualitative assessment of how particulate emissions may damage sensitive astronomy equipment

## **ISSUE 10: IMPACT ON HERITAGE RESOURCES**

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This group of issues focuses on the adverse effects of the proposed mining operations on heritage resources, including 1) traditional homelands for Native American groups, 2) ancestral habitation sites and human burials, 3) archaeological resources, 4) sites eligible for the National Register of Historic Places (NRHP), 5) traditional resource collection areas, and 6) cultural practice opportunities.

**Issue 10A:** The proposed mine operations may bury, remove, or damage archaeological and historic sites. There may be a loss of or reduction in future archaeological research potential if heritage resource sites are buried under permanent facilities such as roads and utility corridors and waste rock and tailings piles. Traditional Cultural Properties (TCPs) (buildings, districts, or landscapes with historic and ongoing significance) may be lost or degraded. Vibrations from blasting and drilling may damage historical sites.

*Issue 10A Factors for alternative comparison*

- Total NRHP-eligible prehistoric and historic archaeological sites buried, destroyed, or damaged (quantity)
- Potential TCPs lost or degraded (acres)
- Potential for vibrations to damage historic sites
- Qualitative assessment on likelihood of impact to future finds

**Issue 10B:** The mine footprint may impact Native American traditional use and perception of the land. Traditional resource collection areas may be lost or degraded. Springs that are considered sacred may be lost or degraded. Human burials may be desecrated. The spiritual context of the landscape may be permanently changed. Disruption of the physical world may be perceived to cause spiritual harm to the earth and the people here. The American Indian Religious Freedom Act (Public Law 95-341) recognizes that the religious practices of American Indians are an integral part of their cultures, tradition, and heritage, such practices forming the basis of Indian identity and value systems. The most relevant direction is Executive Order 13007, Indian Sacred Sites, which directs federal land management agencies, to the extent permitted by law and not clearly inconsistent with essential agency functions, to accommodate access to and use of Indian sacred sites and to avoid affecting the physical integrity of such sites wherever possible (Forest Service Manual 1563.01e5).

*Issue 10B Factors for alternative comparison*

- Traditional resource collection areas impacted (number, acres)
- Sacred springs impacted (number)

- Ancestral sites where burials are likely to be damaged or covered by mining facilities (number)
- Qualitative assessment of spiritual/emotional impact of desecration of land, springs, and burials

## **ISSUE 11: SOCIOECONOMIC IMPACTS**

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This issue relates to the socioeconomic impacts of the proposed mining operations. The mine operations may have negative and positive socioeconomic impacts, which may change over time. The socioeconomic stability of the area may be adversely affected. Residents, business owners, and visitors' expectations of national forests and the historic rural landscape may not be met.

**Issue 11A:** The mine facilities and operation may result in changes over time to local employment, property values, tax base, tourism revenue, and demand and cost for road maintenance and emergency services. There may be costs to the alternative design features and mitigation measures that influence the net value of the mine operations and thus its economic profile.

*Issue 11A Factors for alternative comparison*

- Change in employment over time
- Change in property values over time
- Change in tax base per year over time
- Change in demand and cost for road maintenance over time
- Change in demand and cost for emergency services over time
- Qualitative assessment of change in tourism revenue over time
- Economic outlook of mine operations (present net value)

**Issue 11B:** The mine operation may not conform to the quality of life expectations as expressed by the Forest Plan and federal, state, and local regulations and ordinances. Concerns have been expressed about modification of rural historic landscapes important to local residents.

*Issue 11B Factor for alternative comparison*

- Qualitative assessment of the ability of alternatives to meet rural landscape expectations as expressed by Forest Plan and federal, state, and local regulations and ordinances

## MEMORANDUM

**To:** Salek Shafiqullah, Coronado National Forest

**From:** DeAnne Rietz and Chris Garrett, SWCA Environmental Consultants

**Date:** August 16, 2010

**Re:** **Status of Rosemont DEIS Surface Water Sections**

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The purpose of this memo is to provide a brief status update of progress on the Rosemont surface water sections (quantity and quality), specifically with respect to available and missing information.

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Three significant issues were identified in the issue statements concerning surface water quality and quantity (emphasis added).

**Issue 3D:** Construction and operation of the pit, waste rock, and tailings facilities may result in changes in surface water discharge to Davidson Canyon and Cienega Creek. The *availability of water for stock water tanks* may be reduced.

**Issue 3E:** Construction and operation of tailings, waste rock, and leach facilities may result in *sediment or other pollutants reaching surface water and degrading water quality*, leading to a loss of beneficial uses. Sediment (see soil issue above) may enter streams, increase turbidity, and violate water quality standards.

**Issue 4:** This issue relates to the potential impacts on riparian habitat resulting from the alteration of surface and subsurface hydrology from the pit and other operations. Potential impacts may include *loss of riparian habitat and fragmentation of riparian habitat and corridors*.

### WHAT RESOURCE INDICATORS WERE SELECTED TO ASSESS THESE ISSUES?

#### Issue 3D

- Hydrologic modeling of storm flows resulting from design precipitation events (peak flow and total flow volume)
- Stock tanks directly impacted by mine activities
- Stock tanks indirectly impacted due to reduction of ephemeral flows

### **Issue 3E**

- Qualitative assessment of potential for Acid Rock Drainage (ARD) impacts to surface water
- Modeling of expected changes in sediment yield from watershed (average annual sediment delivery and peak sediment concentration)
- Qualitative assessment for contaminants other than sediment to enter natural drainage ways
- Qualitative assessment of the requirements for discharge control under Clean Water Act permits (Section 402/AZPDES)

### **Issue 4**

- Acreage of Waters of the U.S. directly impacted by mine activities
- Acreage of important riparian areas directly impacted by mine activities
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- Qualitative assessment whether decreases in water quantity will indirectly affect downstream riparian resource

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- Contains modeling of design flows using HEC-1, and sediment yield using RUSLE and SEDCAD. Sediment yield is analyzed under baseline and proposed action conditions, but no other alternatives.
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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Feb 19 2008 16:54:45 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
"john macivor other" <jdmacivor@frontiernet.net>; "tom euler" <teuler@swca.com>; "jeff connell"  
**CC:** <jconnell@swca.com>; "keith pohs" <kpohs@swca.com>; "melissa reichard" <mreichard@swca.com>; "harmony  
hall" <hhall@swca.com>; "ken houser" <khouser@swca.com>  
**Subject:** Rosemont in the news  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

From Inside Tucson Business:

"Anti-Rosemont copper mine group issues study on infrastructure costs"  
<http://www.azbiz.com/articles/2008/02/15/news/doc47b4816cd1312380099357.txt>

and

"EDITORIAL: So little imagination Is anyone surprised by anti-mine study?"  
<http://www.azbiz.com/articles/2008/02/15/opinion/editorials/doc47b5c74d98434544443075.txt>

Things to get Rosemont

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Apr 28 2009 18:41:31 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** Things to get Rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Information that needs to be provided to Rosemont:

The FS requirement to access mineral rights for all/some of Ore?

Meaning of "partial" backfill

Arch sites in the area and level of importance

Rosemont's role in OHV on East side of SR83

Clarification of public easement and public road- location requested and why?

Small Tracts Act regulations and restrictions

Legalities of earth removed and ownership for sale of waste rock and tails

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Fri May 01 2009 15:10:14 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** mbidwell@swca.com;debby kriegel/r3/usdafs@fsnotes  
**Subject:** Re: Fw: Landscape Architects and Reclamation Team  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Thursday is probably best. Marcie and I are available that day. We need to know the time and location. Will you respond to Kathy and let us know?

Most importantly, we need you and/or Reta to provide direction on whether it's appropriate for Rosemont to do any of the needed visual resource work and/or provide any products. I'm thinking that the main topics at this meeting may be to provide them with a clear answer to this question, and to discuss how Rosemont can provide project-specific information to SWCA to ensure that their simulations are accurate, analysis is complete, and that possible design options are feasible.

Also, what is Kathy referring to when she mentions our "review team"?

Beverley A Everson/R3/USDAFS  
04/30/2009 09:11 AM

To  
Debby Kriegel/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Landscape Architects and Reclamation Team

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 04/30/2009 09:11 AM -----

Kathy Arnold <karnold@rosemontcopper.com>  
04/29/2009 04:02 PM

To  
Beverley A Everson <beverson@fs.fed.us>  
cc  
Reta Laford <rlaford@fs.fed.us>, Dale Ortman PE <daleortmanpe@live.com>, Tom Furgason  
<tfurgason@swca.com>  
Subject  
Landscape Architects and Reclamation Team

Bev –  
I would like to work through Dale and set up a technical team meeting between the Reclamation Team and your landscape architects. I understand the SWCA specialist will be in town next week on Thursday or Friday and may have some time to sit down with our reclamation team to discuss expectations and see the direction our team is heading. I am particularly interested to make sure our group is aware of the concerns that your review team has. Please let me know if your group would be interested in such a meeting and pick a day and time – May 7th or 8th and I will make our specialists available.

As I think I mentioned, we are just getting started “tweaking” our reclamation plan so we won’t have anything to present as such and would be more interested in hearing concerns.

Regards,

Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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Re: Need your help, ASAP

**From:** walter keyes/r3/usdafs;nsf;wkeyes@fs.fed.us;smtp  
**Sent:** Mon Aug 23 2010 21:32:59 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** alan belauskas/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes  
**Subject:** Re: Need your help, ASAP  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I have not received a letter like that--physically or email. Just double-checked; nope.

Addressing the jurisdiction of Lopez and Gunsite roads with 100% certainty will take a little work. Shooting from the hip I'd say there's only two options for the segments of the road on CNF: Largest chance is that they are NFSRs (National Forest System Roads--maintenance level 2--high clearance vehicle type roads). Subsidiary chance is that they are Rosemont easements across CNF.

I can check INFRA (hardly trustworthy), and I can check with McKay. If you wish me to check with McKay please let me know what portions of those roads need checking; just on CNF I assume? Also, to be 100% certain if you supply us with the road numbers that would help to avoid doing worthless work.

No idea what the jurisdiction is across land outside CNF boundary.

Walt.

.....  
Walt Keyes -- Roads Engineer  
Coronado National Forest  
300 W. Congress, Tucson, AZ 85701  
520-388-8416 voice / 260-9567 cell / 388-8334 fax / wkeyes@fs.fed.us  
.....

Beverley A Everson/R3/USDAFS  
08/23/2010 05:29 PM

To  
Walter Keyes/R3/USDAFS@FSNOTES, Alan Belauskas/R3/USDAFS@FSNOTES  
cc

Subject  
Need your help, ASAP

Alan and Walt,

Re: Need your help, ASAP

Please see the bolded statement below. I'm trying to track down the incoming letter dated June 18 from Rosemont. I can't remember seeing it, and neither can Mindee...did you receive it?

Please let me know.

Thanks!

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/23/2010 05:27 PM -----

"tjchute@msn.com" <tjchute@msn.com>  
08/23/2010 04:49 PM

To  
"Beverley A Everson" <beverson@fs.fed.us>  
cc

Subject  
Re: Elements Common / Mitigation: Loose Ends

Bev,  
According to Rosemont, they did not receive a reply. If we cannot locate a copy of the letter they sent you may want to call Kathy and ask for a copy.

Sent from my Verizon Wireless Phone

----- Reply message -----

From: "Beverley A Everson" <beverson@fs.fed.us>

Date: Mon, Aug 23, 2010 4:56 pm

Subject: Elements Common / Mitigation: Loose Ends

To: "Reta Lafort" <rlafort@fs.fed.us>, "Melinda D Roth" <mroth@fs.fed.us>, <tjchute@msn.com>

Reta,

Can you please help me with the second item on Terry's list, below? I don't recall the letter from Rosemont, don't have a copy, and don't know who would have responded. I have searched CDB and was unable to find the response letter. Do you remember who wrote it for you?

FYI, Mindee has a call in to SWCA (Melissa) to see if either the incoming June 18 letter or our response is in the record.

Thank you,

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/23/2010 03:52 PM  
-----

"Terry Chute" <tjchute@msn.com>  
08/23/2010 11:05 AM

To  
"Tom Furgason" <tfurgason@swca.com>, "Reta Laford" <rlaford@fs.fed.us>, "Katherine Arnold" <karnold@rosemontcopper.com>, "Beverley A Everson" <beverson@fs.fed.us>, "Melinda D Roth" <mroth@fs.fed.us>, "Jonathan Rigg" <jrigg@swca.com>  
cc

Subject  
Elements Common / Mitigation: Loose Ends

I've made most of the edits we agreed to last week to the Elements Common section that will go into Chapter 2. Here are the loose ends that others agreed to follow-up on. Once we get these taken care of, this section will be ready for one last look by Rosemont, then it can be inserted into Chapter 2.

1. I need the names of the grazing permits held by Rosemont - I think Mindee was going to get these.
2. We need to track down the Coronado response to Rosemont's June 18 letter to Reta re: jurisdiction of Gunsite & Lopez roads and MSHA road standard requirements. I sent an email to Bev last week asking her to follow up on this.
3. As per our discussion last week, I combined the sections on Riparian and Off-Site Land Mitigation. Seems that everything here revolves around whatever we end up with from the Army Corps of Engineers. We need to decide whether we want this section "buried" in amongst the rest of the Elements Common, or if we should make it it's own section in Chapter 2. I

Re: Need your help, ASAP

**From:** reta laford/r3/usdafs;nsf;rlaford@fs.fed.us;smtp  
**Sent:** Mon Aug 23 2010 21:14:22 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes;tjchute@msn.com  
**CC:** melinda d roth/r3/usdafs@fsnotes;"tom furgason" <tfurgason@swca.com>;"reta laford" <rlaford@fs.fed.us>;"katherine arnold" <karnold@rosemontcopper.com>;"jonathan rigg" <jrigg@swca.com>;mreichard@swca.com  
**Subject:** SO has letter. No response drafted. Question for Terry on whether to include as mitigation. Follow-up needed by Bev with RO on policy - yet. -Re: Fw: Elements Common / Mitigation: Loose Ends  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I have the incoming letter. No reply letter has been drafted. I'll have the front desk scan it tomorrow.

I wasn't thinking of it as mitigation when it came in. We can consider it as mitigation if we want, or not since I'm sure that there is countless other CFR stuff that needs to be followed that we are not restating in the DEIS. (Terry, I defer to you once you look at it.)

The Rosemont letter conveyed the opinion of an MSHA inspector that the berms on NFS and private land were not adequate to protect the public. Specifically he cites that berms need to be at least mid-axle height of the largest self-propelled mobile equipment which usually travels the roadway. For the NFS lands, I am not inclined to pre-decisionally allow an increased berm height as the MSHA inspector seems to be seeking. On the private lands, Rosemont says the roadways are under NFS jurisdiction. That will need to be checked.

Bev, once you read the scanned letter, please discuss with the RO our position to not be pre-decisional in responding to an MSHA inspection prior to project authorization. Also, I will need you to look into the question about FS jurisdiction on private land roads. Thx.

Reta Laford  
Deputy Forest Supervisor  
Coronado National Forest  
Phone: 520-388-8307  
-----

Beverley A Everson/R3/USDAFS  
08/23/2010 03:56 PM

To  
Reta Laford/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, tjchute@msn.com  
cc

Subject  
Fw: Elements Common / Mitigation: Loose Ends

Reta,

Can you please help me with the second item on Terry's list, below? I don't recall the letter from Rosemont, don't have a copy, and don't know who would have responded. I have searched CDB and was unable to find the response letter. Do you remember who wrote it for you?

FYI, Mindee has a call in to SWCA (Melissa) to see if either the incoming June 18 letter or our response is in the record.

Thank you,

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/23/2010 03:52 PM -----

"Terry Chute" <tjchute@msn.com>

08/23/2010 11:05 AM

To

"Tom Furgason" <tfurgason@swca.com>, "Reta Laford" <rlaford@fs.fed.us>, "Katherine Arnold" <karnold@rosemontcopper.com>, "Beverley A Everson" <beverson@fs.fed.us>, "Melinda D Roth" <mroth@fs.fed.us>, "Jonathan Rigg" <jrigg@swca.com>

cc

Subject

Elements Common / Mitigation: Loose Ends

I've made most of the edits we agreed to last week to the Elements Common section that will go into Chapter 2. Here are the loose ends that others agreed to follow-up on. Once we get these taken care of, this section will be ready for one last look by Rosemont, then it can be inserted into Chapter 2.

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3. As per our discussion last week, I combined the sections on Riparian and Off-Site Land Mitigation. Seems

that everything here revolves around whatever we end up with from the Army Corps of Engineers. We need to decide whether we want this section "buried" in amongst the rest of the Elements Common, or if we should make it it's own section in Chapter 2. I am leaning towards the second. Reta and Tom - your thoughts??

4. Jonathan is going to research and write a paragraph under the title Reclamation Plan that basically talks about the intent of a Reclamation Plan, and generally what types of items the Plan will address, with a reference back to the Plan itself.

5. The remaining work is filling references and checking the wording of a couple of measures for accuracy.

Hopefully we can get this wrapped up early this week - with the possible exception of #3 which may need to wait for the Corps of Engineers.

Holler with comments/questions.

Terry Chute

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Sun May 03 2009 12:33:27 EDT  
**To:** ""beverley a everson" <beverson@fs.fed.us>;""salek shafiqullah"" <sshafiqullah@fs.fed.us>  
**CC:** ""tom furgason" <tfurgason@swca.com>;""charles coyle" <ccoyle@swca.com>;""melissa reichard" <mreichard@swca.com>  
**Subject:** Final Tailings Design Report - Preliminary Review  
**Attachments:** 2009-5-3\_Everson et al\_Preliminary Final Tailings Design Report Review\_memo.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Attached is a memorandum summarizing my review of the Final Tailings Design Report. The intent of the memo is to assist the IDT specialists in their review of the report and initiate a list of questions and comments in preparation for the upcoming Technology Transfer meeting with Rosemont and AMEC on May 12th. I strongly recommend that I meet with the USFS IDT specialists early in the upcoming week to discuss the report and prepare a final list of questions for submission to Rosemont.

Regards,

Dale

---

Dale Ortman PE  
Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

- 2009-5-3\_Everson et al\_Preliminary Final

Tailings Design Report Review\_memo.pdf

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon May 04 2009 19:35:24 EDT  
**To:** "charles coyle" <ccoyle@swca.com>; "dale ortman pe" <daleortmanpe@live.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Rosemont weekly update  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Charles and Dale,

We'll be holding the weekly meeting tomorrow at 9:30 in Reta's office. It will be fine if both of you just call in. The only agenda item is to determine how best manage the meeting on May 13th. Feel free to forward Bev any other agenda items, but I'd really like to focus on the alternatives meeting on the 13th.

Tom

(866) 866-2244

Participant Code: 9550668#

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Tue May 05 2009 11:35:48 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Fw: Landscape Architects and Reclamation Team  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

It's hard to know exactly where discussions might lead, but your earlier guess of 9-noon is probably about right.

Beverley A Everson/R3/USDAFS  
05/04/2009 03:00 PM

To  
karnold@rosemontcopper.com, daleortmanpe@live.com  
cc  
Debby Kriegel/R3/USDAFS@FSNOTES, mbidwell@swca.com  
Subject  
Re: Fw: Landscape Architects and Reclamation Team

I have 6V6 reserved all day on May 7. Let's plan on starting at 9:00. Does anyone have a feel for how much time we'll need?

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Debby Kriegel/R3/USDAFS  
05/01/2009 12:10 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
mbidwell@swca.com, Debby Kriegel/R3/USDAFS@FSNOTES  
Subject  
Re: Fw: Landscape Architects and Reclamation Team

Thursday is probably best. Marcie and I are available that day. We need to know the time and location. Will you respond to Kathy and let us know?

Beverley A Everson/R3/USDAFS  
04/30/2009 09:11 AM

To  
Debby Kriegel/R3/USDAFS@FSNOTES  
cc  
Subject  
Fw: Landscape Architects and Reclamation Team

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 04/30/2009 09:11 AM -----

Kathy Arnold <karnold@rosemontcopper.com>  
04/29/2009 04:02 PM

To  
Beverley A Everson <beverson@fs.fed.us>

CC

Reta Laford <rlaford@fs.fed.us>, Dale Ortman PE <daleortmanpe@live.com>, Tom Furgason <tfurgason@swca.com>

Subject

Landscape Architects and Reclamation Team

Bev –

I would like to work through Dale and set up a technical team meeting between the Reclamation Team and your landscape architects. I understand the SWCA specialist will be in town next week on Thursday or Friday and may have some time to sit down with our reclamation team to discuss expectations and see the direction our team is heading. I am particularly interested to make sure our group is aware of the concerns that your review team has. Please let me know if your group would be interested in such a meeting and pick a day and time – May 7th or 8th and I will make our specialists available.

As I think I mentioned, we are just getting started “tweaking” our reclamation plan so we won’t have anything to present as such and would be more interested in hearing concerns.

Regards,

Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

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**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon May 04 2009 17:19:15 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
alan belauskas/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;arthur s  
elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby  
kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george  
**CC:** mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;john  
able/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c  
ellett/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mary m  
farrell/r3/usdafs@fsnotes;mreichard@swca.com;reta laford/r3/usdafs@fsnotes;robert  
lefevre/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** IDT meeting scheduling  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We will not be meeting this Wednesday, however we will be meeting on the 13th, in 4B, 9:00 to 4:30. The meeting on the 13th will include a presentation by Rosemont concerning their development of alternatives, alternative components, and mitigation. It will be a refinement of their presentation in the April 22 meeting. Following that presentation, we will review Rosemont recommendations and refine the alternatives and mitigations we previously formulated as a team.

I have some homework for a few team members, as follows:

Bill and Mary - one of the mitigations we came up with as a team in our April 8 was relocating the tailings around archeological sites. Can you please tell me what sites you had in mind?

George and Tami - another idea that came up in the April 8 IDT meeting was re-establishing land ownership boundaries after completion of the operation. Can you clarify what you mean by this? Also, can you tell me what the acreage limitation is for a small tract sale?

Thank you!

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed May 06 2009 17:07:46 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
alan belauskas/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes;arthur s  
elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby  
kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george  
mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;john  
able/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c  
**CC:** ellett/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mary m  
farrell/r3/usdafs@fsnotes;mreichard@swca.com;reta laford/r3/usdafs@fsnotes;robert  
lefevre/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;teresa ann ciapucci/r3/usdafs@fsnotes;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;kent c ellett/r3/usdafs@fsnotes;reta  
laford/r3/usdafs@fsnotes  
**Subject:** dry stack tailings technology presentation, May 12  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

There will be a presentation by Rosemont consultants on dry stack tailings technology in 1K on the 12th. The presentation is being broken into two parts, to accommodate folks with technical background in this area, and those without that kind of expertise. The more technical presentation is from 9:00 to 12:00, and the other presentation at 1:00, for approximately one half hour.

Although this is not a scheduled IDT meeting, I strongly encourage attendance, to facilitate everyone's understanding of the proposed operation.

Hope to see you there.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305



FW: SWCA Rosemont SOQ still posted for anyone to see

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu May 07 2009 17:26:47 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>  
**CC:** "melissa reichard" <mreichard@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** FW: SWCA Rosemont SOQ still posted for anyone to see  
**Attachments:**

**Importance:** Normal  
**Priority:** Urgent  
**Sensitivity:** None

Bev,

I was just notified that our SOQ with employee names is still easily found on the internet. While there has only been one attack on a person's property in relation to the Rosemont project, I feel that posting names of SWCA employees constitutes a risk that I am uncomfortable with. Would you please have our SOQ removed from your site? Thanks for your consideration.

Tom

<http://www.fs.fed.us/r3/coronado/rosemont/documents/swca/swca-soq-051608.pdf>

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Feb 25 2008 17:53:12 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** SRK  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Bev,

Dale Ortman from SRK is interested in meeting with you to discuss what he feels SRK can bring to the SWCA in terms of the Rosemont EIS analysis. He has extensive experience with reclamation and is also familiar with pit lake issues and dry tailings. Are you open to meeting Dale?

Also, I'm sure that Rebecca Miller from MWH would be interested in the same type of meeting. I'd like to get moving on this so that we can bring them under contract prior to scoping so that they will be available to attend the scoping meetings. Please let me know how you would like to proceed.

Tom

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Fri May 08 2009 15:05:54 EDT  
**To:** "chelsa johnson" <cjohnson@epgaz.com>  
**CC:** beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**Subject:** Re: Rosemont Visual Resources  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Chelsa,

Next week I'm available Monday, Thursday, and before 9 am on Tuesday.

I'll leave it up to you whether you'd like to include Tom, Bev, Reta, or others. I recommend that you contact each person individually to discuss schedules (Bev 388-8428, Reta 388-8307).

Please let me know what day and time works for everyone.

Thanks.

Debby

"Chelsa Johnson" <Cjohnson@epgaz.com>  
05/08/2009 11:45 AM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
"Jaime Wood" <jwood@epgaz.com>  
Subject  
Rosemont Visual Resources

Debby,

Thanks for getting back to me so quickly regarding the VQO/SIO direction. I think it would help if we could have a conference call with a few of our folks here to discuss the Forest Service preferred methodology to conduct the visual analysis for the transmission line. The project study area also has BLM land so our analysis will need to incorporate the VRM system as well. We may want to ask Tom Furgason and the Forest Service NEPA planners to sit in on the call for consistency between the EIS and our environmental analysis methodology.

Please let me know if the Forest Service has any conflicts next week to schedule a call.

Thanks again,

Chelsa Johnson  
Project Coordinator/Visual Resource Specialist

EPG  
Environmental Planning Group  
Phoenix, Arizona  
602-956-4370 phone  
602-956-4374 fax  
<http://www.epgaz.com>

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**Summary of Issues and Alternatives Development Meeting**  
**Cooperating Agency and Interdisciplinary Team Meeting**  
**Rosemont Copper Project EIS**  
**Coronado National Forest**  
Meeting Agenda  
May 13, 2009 9:00 am -3:00 pm

**Location:** Coronado Supervisor's Office, 300 W. Congress, Tucson, AZ Room 4B

**Attendees:** See Sign-In Sheet

**Goals:** To provide an update to the cooperating agencies on the results of scoping, status of issue identification, and development of alternatives.

**Agenda:**

9:00 am – 12:00 pm

Scoping Summary- SWCA

Issue Identification Process- SWCA

Preliminary Issues to be tracked in the EIS- CNF

Alternative Development in NEPA- SWCA (Matt Petersen)

Purpose and Need and Decision Space- CNF

1:00 pm – 3:00 pm

Alternatives Considered but not likely to be analyzed in detail- CNF and RCC

Workshop for Cooperating Agencies to assist in the development of alternatives

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu May 07 2009 17:12:34 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** FW: Draft Agenda for May 13 Mtg  
**Attachments:** 051309 IDT Mtg Draft Agenda.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached is the proposed agenda for next Wednesday's meeting. I suggest that we send this to the cooperating agencies as the rsvp.

Tom - 051309 IDT Mtg Draft Agenda.doc

**Summary of Issues and Alternatives Development Meeting**  
**Cooperating Agency and Interdisciplinary Team Meeting**  
**Rosemont Copper Project EIS**  
**Coronado National Forest**  
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Purpose and Need and Decision Space- CNF

1:00 pm – 3:00 pm

Alternatives Considered but not likely to be analyzed in detail- CNF and RCC

Workshop for Cooperating Agencies to assist in the development of alternatives

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri May 08 2009 12:38:21 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>; "matt petersen" <mpetersen@swca.com>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**Subject:** Revised Draft Agenda for May 13 Mtg  
**Attachments:** 051309 IDT Mtg Draft Agenda1.doc;051309 IDT Mtg Draft Agenda.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

After some internal discussion, we have revised the draft agenda in the interest in providing some clarity for the cooperating agencies. Please note that this is in draft form so that we can make some last minute adjustments.

Tom  
- 051309 IDT Mtg Draft Agenda.doc - 051309 IDT Mtg Draft Agenda.doc

**From:** roxane m raley/r3/usdafs;nsf;rmraley@fs.fed.us;smtp  
**Sent:** Fri May 08 2009 13:28:23 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** teresa ann ciapusci/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**Subject:** Fw: Bobcat on Davidson Canyon Hike 05.06.09  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Beverley,

Does this message need to be converted into pdf format and be added to the Rosemont Comments folder for the Administrative record?

Please let me know.

Roxane Raley

----- Forwarded by Roxane M Raley/R3/USDAFS on 05/08/2009 10:22 AM -----

"Melissa Reichard" <mreichard@swca.com>  
05/07/2009 01:48 PM

To  
<dslaschiava@comcast.net>  
cc

"Cook, C" <Ccook520@aol.com>, "ROSEMONT MINE" <comments-southwestern-coronado@fs.fed.us>, "Giffords, Representative Gabrielle" <az08ima@mail.house.gov>, "Liz" <wizzlizzy@aol.com>, "COYOTES" <coyotes@cox.net>, "hartmann, gayle" <gayleh@theriver.com>, "Jim" <hiltonroad@msn.com>, "Lainie" <lainiel@comcast.net>, "County Administrator Chuck Huckelberry" <cch@pima.gov>, "Chairman Richard Elias" <district5@pima.gov>, "Sharon Bronson" <district3@pima.gov>, "Ray Carroll" <district4@pima.gov>, "Ramon Valadez" <district2@pima.gov>, "Ann Day" <district1@pima.gov>, "Tom Furgason" <tfurgason@swca.com>, "Beverley A Everson" <beverson@fs.fed.us>

Subject  
RE: Bobcat on Davidson Canyon Hike 05.06.09

Ms. LaSchiava-

We appreciate your input. I will pass this email along to the appropriate specialists. They are very nice pictures- Thank you for sharing them.

Sincerely-

Melissa Reichard  
SWCA Environmental Consultants

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: dslaschiava@comcast.net [mailto:dslaschiava@comcast.net]

Sent: Thursday, May 07, 2009 1:34 PM

To: Melissa Reichard

Cc: Cook, C; ROSEMONT MINE; Giffords, Representative Gabrielle; Liz; COYOTES; hartmann, gayle; Jim; Lainie; County Administrator Chuck Huckelberry; Chairman Richard Elias; Sharon Bronson; Ray Carroll; Ramon Valadez; Ann Day

Subject: Fwd: Bobcat on Davidson Canyon Hike 05.06.09

Good Afternoon Melissa,

Please see the attached awesome news item regarding a Bobcat being seen on a hike in the Davidson Canyon area. At one of the many NEPA scoping meetings that I had attended I was informed by one of your associates specializing in biology when I expressed concern about the negative impact on wildlife that the proposed Rosemont Mine would have that I should definitely report to SWCA any spotting of any Bobcats which is the purpose of my communication today.

Please relate this vital information to the appropriate parties. Thank you.

Dona Sue LaSchiava  
Tucson, AZ 85741

----- Forwarded Message -----

From: Ccook520@aol.com

To: WizzLizzy@aol.com, dslaschiava@comcast.net

Sent: Thursday, May 7, 2009 8:59:18 AM GMT -07:00 U.S. Mountain Time (Arizona)

Subject: Bobcat on Davidson Canyon Hike 05.06.09

Remember Mom this Mother's Day! Find a florist near you now.

**From:** roxane m raley/r3/usdafs;nsf;rmraley@fs.fed.us;smtp  
**Sent:** Fri May 08 2009 13:28:31 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** teresa ann ciapusci/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**Subject:** Fw: Bobcat on Davidson Canyon Hike 05.06.09  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Beverley,

Does this message need to be converted into pdf format and be added to the Rosemont Comments folder for the Administrative record?

Please let me know.

Roxane Raley

----- Forwarded by Roxane M Raley/R3/USDAFS on 05/08/2009 10:26 AM -----

dslaschiava@comcast.net  
05/07/2009 03:00 PM

To  
"Cook, C" <Ccook520@aol.com>  
cc  
Liz <wizzlizzy@aol.com>, COYOTES <coyotes@cox.net>, "hartmann, gayle" <gayleh@theriver.com>, Jim <hiltonroad@msn.com>, Lainie <lainiel@comcast.net>, County Administrator Chuck Huckelberry <cch@pima.gov>, Chairman Richard Elias <district5@pima.gov>, Sharon Bronson <district3@pima.gov >, Ray Carroll <district4@pima.gov>, Ramon Valadez <district2@pima.gov>, Ann Day <district1@pima.gov>, ROSEMONT MINE <comments-southwestern-coronado@fs.fed.us>  
Subject  
Fwd: Bobcat on Davidson Canyon Hike 05.06.09

----- Forwarded Message -----

From: "Melissa Reichard" <mreichard@swca.com>  
To: dslaschiava@comcast.net  
Cc: "C Cook" <Ccook520@aol.com>, "ROSEMONT MINE" <comments-southwestern-coronado@fs.fed.us>, "Representative Gabrielle Giffords" <az08ima@mail.house.gov>, "Liz" <wizzlizzy@aol.com>, "COYOTES" <coyotes@cox.net>, "gayle hartmann" <gayleh@theriver.com>, "Jim" <hiltonroad@msn.com>, "Lainie" <lainiel@comcast.net>, "County Administrator Chuck Huckelberry" <cch@pima.gov>, "Chairman Richard Elias" <district5@pima.gov>, "Sharon Bronson" <district3@pima.gov>, "Ray Carroll" <district4@pima.gov>, "Ramon Valadez" <district2@pima.gov>, "Ann Day" <district1@pima.gov>, "Tom Furgason"

<tfurgason@swca.com>, "Beverley A Everson" <beverson@fs.fed.us>  
Sent: Thursday, May 7, 2009 1:47:54 PM GMT -07:00 U.S. Mountain Time (Arizona)  
Subject: RE: Bobcat on Davidson Canyon Hike 05.06.09

Ms. LaSchiava-

We appreciate your input. I will pass this email along to the appropriate specialists. They are very nice pictures- Thank you for sharing them.

Sincerely-

Melissa Reichard  
SWCA Environmental Consultants

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: dsลาสchiava@comcast.net [mailto:dsลาสchiava@comcast.net]  
Sent: Thursday, May 07, 2009 1:34 PM  
To: Melissa Reichard  
Cc: Cook, C; ROSEMONT MINE; Giffords, Representative Gabrielle; Liz; COYOTES; hartmann, gayle; Jim; Lainie; County Administrator Chuck Huckelberry; Chairman Richard Elias; Sharon Bronson; Ray Carroll; Ramon Valadez; Ann Day  
Subject: Fwd: Bobcat on Davidson Canyon Hike 05.06.09

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Please see the attached awesome news item regarding a Bobcat being seen on a hike in the Davidson Canyon area. At one of the many NEPA scoping meetings that I had attended I was informed by one of your associates specializing in biology when I expressed concern about the negative impact on wildlife that the proposed Rosemont Mine would have that I should definitely report to SWCA any spotting of any Bobcats which is the purpose of my communication today.

Please relate this vital information to the appropriate parties. Thank you.

Dona Sue LaSchiava  
Tucson, AZ 85741

----- Forwarded Message -----

From: Ccook520@aol.com  
To: WizzLizzy@aol.com, dsลาสchiava@comcast.net  
Sent: Thursday, May 7, 2009 8:59:18 AM GMT -07:00 U.S. Mountain Time (Arizona)  
Subject: Bobcat on Davidson Canyon Hike 05.06.09

Remember Mom this Mother's Day! Find a florist near you now.

## **Desired Condition – Northern Santa Rita Mountains – Scenic Quality and Recreation**

Debby Kriegel, May 8, 2009

The diverse landscapes of the northern Santa Rita Mountains offer a variety of settings for a broad range of recreational opportunities and a place for visitors to escape from busy urban life into quiet, natural, wild places. Visitors enjoy vast open space, canyon bottoms with mature trees, golden rolling grasslands dotted with oak and juniper, and rugged, rocky mountain ridgetops. Visitors rarely see utilitarian structures (such as power lines and buildings), and mines that are no longer operational have been completely naturalized by restoring topography and vegetation to blend with the surrounding landscape.

Lands along the Patagonia-Sonoita Scenic Road (AZ Hwy 83) and along Forest Service roads appear natural. Visitors find occasional developed recreation facilities (such as picnic tables, an OHV staging area, and trailhead signs), but these facilities are in character with the National Forest setting.

Dispersed recreation activities in the area include scenic driving, hiking, horseback riding, birdwatching, camping, hunting, and more. Visitors use off-highway vehicles responsibly and stay on designated roads. Dispersed campsites are small and clean, and resource damage is not a problem.

Landscapes away from roads, and lands along the Arizona Trail, provide opportunities for solitude and spending time in pristine wildlands with minimal evidence of human activity. The Arizona Trail is well-marked and well maintained. Access roads to trailheads are open and maintained, and trailheads provide adequate parking and turnaround space. Damage to resources at trailheads is minimal, and wildcat trails are rare.

**From:** debby.kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Fri May 08 2009 16:28:00 EDT  
**To:** jlyndes@sagelandscape.com;david.krizek@tetrattech.com;beverley.a  
everson/r3/usdafs@fsnotes;tfurgason@swca.com;mbidwell@swca.com;salek.shafiqullah/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Rosemont - Desired Condition for Recreation & Visual Quality  
**Attachments:** DesiredCondition.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here's my attempt at a desired condition for recreation and visual quality. Much of the language here was pulled from desired conditions for our Forest Plan revision, tweaked for the Rosemont area. It would be great to have desired condition statements for other resources too.

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

# AGENDA

## Rosemont Copper Dry Stack Tailings Seminar

**May 12, 2009**

**9:00 a.m. – 1:15 p.m.**

Meeting called by **AMEC Earth and Environmental**

**Attendees:** Coronado National Forest Service ID Team

---

**9:00 a.m. – 10:00 a.m.      General Overview of Dry Stack Tailings**

Presenter:      John Lupo

Company:      AMEC Earth and Environmental

---

**10:00 a.m. – 11:00 a.m.      Rosemont Copper Dry Stack Tailings Storage  
Facility Design**

Presenter:      Derek Wittwer & John Lupo

Company:      AMEC Earth and Environmental

---

**11:00 a.m. – 1:15 p.m.      Questions and Answer Session**

Q&A Panel      *All Participants*

---

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri May 08 2009 16:25:55 EDT  
s@fsnotes;arthur s elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;janet jones/r3/usdafs@fsnotes;john able/r3/usdafs@fsnotes;keith l graves/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c ellett/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mary m farrell/r3/usdafs@fsnotes;mreichard@swca.com;reta laford/r3/usdafs@fsnotes;robert lefevre/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami emmett/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;tfurgason@swca.com;walter keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** dry stack tailings presentation, May 12  
**Attachments:** Forest Service AGENDA 05.12.2009.pdf  
**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Please see the enclosed agenda for the meeting next Tuesday in 1K.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Re: Fw: SWCA Rosemont SOQ still posted for anyone to see

**From:** john able/r3/usdafs;nsf;jable@fs.fed.us;smtp  
**Sent:** Fri May 08 2009 18:03:38 EDT  
**To:** tfurgason@swca.com;beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**CC:** "melissa reichard" <mreichard@swca.com>;"charles coyle" <ccoyle@swca.com>  
**Subject:** Re: Fw: SWCA Rosemont SOQ still posted for anyone to see  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Tom, the Forest Service web server was recently out of service for a couple weeks due to a security issue (infected with a worm). Apparently, when they restored the web server, they used a previous version of the directory that contains this file. Now, to make matters worse, there seems to be an access issue with this directory, so I can't delete the file. I've requested a fix, but it may take a day or so. I'll let you know.

John A. Able, Information Steward  
Transparency, Collaboration, Knowledge  
Coronado National Forest  
Voice or Text: 520.405.4256  
Twitter: @johnable

Beverley A Everson/R3/USDAFS  
05/08/2009 08:59 AM

To  
John Able/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: SWCA Rosemont SOQ still posted for anyone to see

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 05/08/2009 08:59 AM -----

"Tom Furgason" <tfurgason@swca.com>  
05/07/2009 02:27 PM

To

"Beverley A Everson" <beverson@fs.fed.us>, "Reta Laford" <rlaford@fs.fed.us>

cc

"Melissa Reichard" <mreichard@swca.com>, "Charles Coyle" <ccoyle@swca.com>

Subject

FW: SWCA Rosemont SOQ still posted for anyone to see

Bev,

I was just notified that our SOQ with employee names is still easily found on the internet. While there has only been one attack on a person's property in relation to the Rosemont project, I feel that posting names of SWCA employees constitutes a risk that I am uncomfortable with. Would you please have our SOQ removed from your site? Thanks for your consideration.

Tom

<http://www.fs.fed.us/r3/coronado/rosemont/documents/swca/swca-soq-051608.pdf>

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri May 08 2009 16:56:49 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
arthur s elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnote;john able/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c ellett/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;mary m farrell/r3/usdafs@fsnotes;mreichard@swca.com;reta laford/r3/usdafs@fsnotes;robert lefevre/r3/usdafs@fsnotes;s@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami emmett/r3/usdafs@fsnotes;tfurgason@swca.com;walter keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;marc kaplan/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes  
**CC:**  
**Subject:** team preparation for the May 13 Rosemont Copper Project extended IDT meeting, 4B  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Our discussion of alternatives and mitigation in this meeting is going to be a little more "hands on" than in the previous meetings we've had on these topics. We'll have multiple copies of aerial photographs and maps of the project area that we'll use to demonstrate potential alternatives and mitigation, for example, an alternative tailings disposal site. Bring your markers! and be prepared to role up your sleeves.

More importantly, in particular for the core team and for heritage, bring resource maps and/or whatever other tools and information you need to be able to discuss specific aspects of and impacts to, your resource. This will involve the use of GIS layers and maps, and because of this, I've asked Marc Kaplan to be available to help you get the data that you need.

Come see me, or give me a call if you have any questions about how you will need to prepare for this meeting.

Thank you.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue May 12 2009 11:24:06 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "matt petersen" <mpetersen@swca.com>; "melissa reichard" <mreichard@swca.com>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**Subject:** RE: Revised Draft Agenda for May 13 Mtg  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Matt will be traveling back to Logantomorrow afternoon. Therefore, he will not be able stay until 4:30. Melissa and I will be available to stay the full day.

Tom

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, May 12, 2009 7:44 AM  
To: Tom Furgason  
Cc: Charles Coyle; Matt Petersen; Melissa Reichard; Teresa Ann Ciapusci  
Subject: Re: Revised Draft Agenda for May 13 Mtg

I've scheduled the meeting to go until 4:30. Does this create a problem for SWCA? I realize Matt may have to leave earlier (and perhaps Charles also), but that's okay.

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Tom Furgason" <tfurgason@swca.com>

05/08/2009 09:38 AM

To

"Beverley A Everson" <beverson@fs.fed.us>

cc

"Charles Coyle" <ccoyle@swca.com>, "Melissa Reichard" <mreichard@swca.com>, "Matt Petersen" <mpetersen@swca.com>, "Teresa Ann Ciapusci" <tciapusci@fs.fed.us>

Subject

Revised Draft Agenda for May 13 Mtg

Bev,

After some internal discussion, we have revised the draft agenda in the interest in providing some clarity for the cooperating agencies. Please note that this is in draft form so that we can make some last minute adjustments.

Tom

Re: Report

**From:** salek shafiqullah/r3/usdafs;nsf;sshafiqullah@fs.fed.us;smtp  
**Sent:** Wed Apr 29 2009 13:08:03 EDT  
**To:** roger d congdon/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** Re: Report  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Roger,  
I deleted the items from yesterday since you got them ok.  
Now I have placed two documents for you to copy.  
Tetra Tech (2007i) Site Water Management Plan. Prepared for Rosemont Copper.  
Rosemont Dry Stack TSF Design Report (4.15.09).pdf

The second report...dry stack is what Dale and I were talking about yesterday and is the topic of discussion for the May 12th meeting with AMEC. Enjoy.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

Roger D Congdon/R3/USDAFS  
04/29/2009 08:21 AM

To  
Salek Shafiqullah/R3/USDAFS@FSNOTES  
cc  
Beverley A Everson/R3/USDAFS@FSNOTES  
Subject  
Report

Salek,

Can I get a pdf, or (shudder) a hard copy of this report:

Tetra Tech (2007i) Site Water Management Plan. Prepared for Rosemont Copper.

I want to know more about this diversion at the south side of the ultimate pit. I don't think we have it here, but if I do find it, I'll let you know right away.

Thanks,

Roger

Roger D. Congdon, PhD  
Hydrogeologist  
USDA Forest Service  
333 Broadway Blvd SE  
Albuquerque, NM 87102  
(505)842-3835  
FAX: (505)842-3152

**From:** "bruce ellis" <bellis@lc.usbr.gov>  
**Sent:** Tue Feb 12 2008 16:32:32 EST  
**To:** <beverson@fs.fed.us>  
**CC:** "sandy eto" <seto@lc.usbr.gov>  
**Subject:** Scope of FS EIS on Augusta Mine Development  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Beverley - I understand you are the point of contact for the Coronado National Forest regarding the proposed mine development by Augusta Resources. Sandy Eto and I with the Bureau of Reclamation here in Phoenix have had conversations with Community Water Company of Green Valley and Augusta and their consultants about a proposed CAP water delivery pipeline to Green Valley, which would be paid for by Augusta, and used to recharge CAP water in the vicinity of Green Valley. Because the pipeline would deliver Community Water Company's CAP water entitlement, we have a role to play in carrying out the NEPA review for Community's plans for taking and using CAP water. We would like to discuss with you the relationship between the EA which we will be preparing, and the EIS that you are currently preparing for the mining development. Please give me a call at the number below and we can have a preliminary discussion of the relationship between these two projects, and the scope of our respective NEPA documents. If I am not available, you can reach Sandy at 623-773-6254. Thanks. bde

Bruce D. Ellis  
Chief, Environmental Resource Management Division  
Phoenix Area Office  
Bureau of Reclamation  
6150 W. Thunderbird Road  
Glendale, AZ 85306-4001  
623-773-6250  
FAX 623-773-6486

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Mon May 11 2009 17:12:30 EDT  
**To:** mreichard@swca.com;tfurgason@swca.com  
**CC:** beverley a everson/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes  
**Subject:** Rosemont Base Maps for Wednesday's Mapping Exercise  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I've been thinking a little about the base maps for Wednesday. In order for us to easily draw resource issues and ideas on these maps in various colors, and have some meaningful results to discuss, I think it might be best if they met the following:

Paper size: About 48" x 60" (showing an area approx. 10-12 miles N/S and 8-9 miles E/W, a bit beyond the forest boundary and including everything north of Box Canyon Rd.). Could be bigger...I don't recommend anything smaller.

Colors: All black & white (so our colored markers show up well)

Data to show on maps:

USGS quad map or reference points: forest boundary, private lands, sections, roads, trails, drainages, peaks, springs/tanks

A 3-D background, screened so it doesn't dominate the image but helps us recognize landforms (canyons, etc.)

The pit boundary

Do not show other features proposed by Rosemont (or if you think these ought to be on the map, make them very subtle/faint).

Print 3 copies minimum.

# Name of EIS Planning Record Outline

[CIRCLE THE CATEGORY (from the list below) IN WHICH THIS ITEM SHOULD BE FILED]

**1. General Information**

- a. initial direction and planning record index
- b. notice of intent
- c. position statement
- d. study plan

**2. Public Communications and Involvement**

- a. public involvement plan
- b. published notices/legal notices
- c. news reports and clippings
- d. public meeting notes
- e. mailing lists
- f. public scoping – mailouts and comments
- g. public comments DEIS
- h. public comments subsistence hearings
- i. FOIA requests

**3. External Communications and Permits**

- a. federal agencies
- b. state agencies
- c. local governments
- d. tribal governments
- e. organizations

**4. Internal Communications**

- a. project management/IDT correspondence
- b. IDT meeting notes
- c. JRT checkpoints
- d. internal memos/phone memos

**5. Specialists Reports/Specialists Folders**

- a. aquatic and fisheries
- b. botany
- c. environmental justice
- d. geology and karst
- e. heritage
- f. lands and minerals
- g. old growth reserves
- h. recreation
- i. roadless
- j. scenery
- k. silviculture
- l. socioeconomics
- m. soils
- n. subsistence
- o. threatened and endangered species
- p. timber management
- q. transportation and marine access facilities
- r. wetlands and floodplains
- s. wildlife
- t. other resources

**6. Draft EIS Document**

- a. DEIS and appendices
- b. printing and mailing

**7. Final EIS Document**

- a. FEIS and appendices
- b. ROD
- c. printing and mailing

**8. GIS Reports**

**9. References**

**10. Stand Folders (HARD COPY ONLY)**

**11. Post-decision Records**

**12. Appeals**

**13. Implementation Records**

DATE: \_\_\_\_\_

TITLE/SUBJECT \_\_\_\_\_

PUBLISHER/AGENCY \_\_\_\_\_

AUTHOR/CALLER \_\_\_\_\_

RECIPIENT/PERSON CALLED \_\_\_\_\_

SUMMARY \_\_\_\_\_

PATHNAME fsfiles\office\nepa\name\_of\_eis\ \_\_\_\_\_

(Please name documents with “yy\_ mmdd\_short\_description”. Please use lower-case letters and understandable abbreviations).

090508 Example Project Record

| Project Number | Project | Record Number        | Admin Record Type | File Name                                    | Date       | Schema Folder | Type of Record             | No. of Pages | Title                                                            | paper record | e-record   | General Description                                                                                                             | Author                            | Recipient         | Notes                                                    |
|----------------|---------|----------------------|-------------------|----------------------------------------------|------------|---------------|----------------------------|--------------|------------------------------------------------------------------|--------------|------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------|----------------------------------------------------------|
| 572            | Navy    | <a href="#">0001</a> | Project           | 572_0001                                     | 03/09/04   | 1a            | Letter                     | 25           | 040309_project_plan                                              | x signed     | x signed   | Navy Timber Sale Project Plan                                                                                                   | B. Hand, A. O'Brien, S. Skrien    | Forest Supervisor |                                                          |
| 572            | Navy    | <a href="#">0002</a> | Project           | 572_0002                                     | 04/12/04   | 1b            | Letter                     | 3            | 040412_initial_direction                                         | x signed     | x signed   | Navy Project Initiation Letter/Original Signed by Chip Weber (the original 2-sided is included with a copy of 1-sided document) | Chip Weber, District Ranger       | Linda Christian   |                                                          |
| 572            | Navy    | <a href="#">0003</a> | Project           | 572_0003                                     | 11/24/06   | 1b            | Letter                     | 4            | 061124_pil_signed                                                | x signed     | x signed   | Electronically signed Project Initiation Letter                                                                                 | Forrest Cole and Mark Hummel      | WRD Staff         |                                                          |
| 572            | Navy    | <a href="#">0004</a> | Project           | 572_0004                                     | 01/13/06   | 1c            | Notice                     | 1            | 060113_NOI_cover_letter                                          | x signed     | x signed   | NOI cover letter signed by deciding official                                                                                    | Dennis Neill, USFS                | Federal Register  |                                                          |
| 572            | Navy    | <a href="#">0005</a> | Project           | 572_0005                                     | 01/13/06   | 1c            | Notice                     | 6            | 060113_NOI_text                                                  | x signed     | x signed   | NOI text signed by deciding official                                                                                            | Dennis Neill, USFS                | Federal Register  |                                                          |
| 572            | Navy    | <a href="#">0006</a> | Project           | 572_0006                                     | 01/23/06   | 1c            | Notice                     | 2            | 060123_published_NOI                                             | x            | x          | Published NOI                                                                                                                   | Federal Register                  | Public Record     |                                                          |
| 572            | Navy    | <a href="#">0007</a> | Project           | 572_0007                                     | 05/11/07   | 1c            | Notice                     | 1            | 070511_revised_noi_cover_letter                                  | x signed     | x signed   | Revised NOI cover letter electronically signed by deciding official                                                             | Forrest Cole, Forest Supervisor   | Federal Register  |                                                          |
| 572            | Navy    | <a href="#">0008</a> | Project           | 572_0008                                     | 05/11/07   | 1c            | Notice                     | 5            | 070511_revised_NOI_text_unsigned                                 | x unsigned   | x unsigned | Revised NOI text                                                                                                                | Forrest Cole, Forest Supervisor   | Federal Register  |                                                          |
| 572            | Navy    | <a href="#">0009</a> | Project           | 572_0009                                     | 05/21/07   | 1c            | Notice                     | 3            | 070521_revised_noi_federal_register                              | x            | x          | Published Revised NOI                                                                                                           | Federal Register                  | Public Record     |                                                          |
| 572            | Navy    | <a href="#">0010</a> | Project           | 572_0010                                     | 11/01/05   | 1d            | Notes                      | 1            | 051101_timeline                                                  | x            | x          | projected timeline for 2005-2008                                                                                                | J. Roberts                        | IDT               |                                                          |
| 572            | Navy    | <a href="#">0011</a> | Project           | 572_0011                                     | 01/01/06   | 1d            | SOPA                       | 1            | 060101_January_SOPA                                              | x            | x          | Project Schedules                                                                                                               | USFS                              | Public            |                                                          |
| 572            | Navy    | <a href="#">0012</a> | Project           | 572_0012                                     | 04/01/06   | 1d            | SOPA                       | 1            | 060401_April_SOPA                                                | x            | x          | Project Schedules                                                                                                               | USFS                              | Public            |                                                          |
| 572            | Navy    | <a href="#">0013</a> | Project           | 572_0013                                     | 07/01/06   | 1d            | SOPA                       | 1            | 060701_July_SOPA                                                 | x            | x          | Project Schedules                                                                                                               | USFS                              | Public            |                                                          |
| 572            | Navy    | <a href="#">0014</a> | Project           | 572_0014                                     | 10/01/06   | 1d            | SOPA                       | 1            | 061001_October_SOPA                                              | x            | x          | Project Schedules                                                                                                               | USFS                              | Public            |                                                          |
| 572            | Navy    | <a href="#">0015</a> | Project           | 572_0015                                     | 01/01/07   | 1d            | SOPA                       | 1            | 070101_January_SOPA                                              | x            | x          | Project Schedules                                                                                                               | USFS                              | Public            |                                                          |
| 572            | Navy    | <a href="#">0016</a> | Project           | 572_0016                                     | 04/01/07   | 1d            | SOPA                       | 1            | 070401_April_SOPA                                                | x            | x          | Project Schedules                                                                                                               | USFS                              | Public            |                                                          |
| 572            | Navy    | <a href="#">0017</a> | Project           |                                              | 03/29/04   | 1e            |                            | 5            | 040329_Study_Plan.doc                                            | x unsigned   | x unsigned | Navy Project step-by-step study plans instructions                                                                              | District Ranger                   | Project Record    | Draft document, removed from record when final was added |
| 572            | Navy    | <a href="#">0018</a> | Project           | 572_0018                                     | 04/08/04   | 1e            | Report                     | 5            | 040408_study_plan                                                | x signed     | x signed   | Navy Project step-by-step study plans instructions                                                                              | Chip Weber                        | IDT               |                                                          |
| 572            | Navy    | <a href="#">1029</a> | Project           | 1029_051101_scoping_letter                   | 2005/11/05 | 2.a           | Letter                     | 9            | Public Involvement Scoping Letter - Navy Timber Sale             | x            | x          | Public Involvement Scoping Letter - Navy Timber Sale                                                                            | Mark Hummel, District Ranger      | Public            |                                                          |
| 572            | Navy    | <a href="#">1010</a> | Project           | 1010_080626_subsistence_wrg_sent             | 2008/06/17 | 2.a           | Notice                     | 1            | Public Notice of June 25, 2008 Subsistence Hearing In Wrangell   | x            | x          | Public Notice of June 25, 2008 Subsistence Hearing In Wrangell                                                                  | USFS                              | Public            |                                                          |
| 572            | Navy    | <a href="#">1023</a> | Project           | 1023_second_scoping_mailing_list             | 2008/01/10 | 2.c           | Table                      | 24           | Second Scoping Mailing List                                      | x            | x          | Second Scoping Mailing List                                                                                                     | USFS                              | Public            |                                                          |
| 572            | Navy    | <a href="#">0893</a> | Project           | 0893_FEIS_mailing_list                       | 2009/03/11 | 2.c           | Mailing List               | 3            | FEIS Mailing List                                                | x            | x          | List of people sent the FEIS/ROD                                                                                                | Sue Jennings, USFS                | Public            |                                                          |
| 572            | Navy    | <a href="#">1021</a> | Project           | 1021_090304_silviculture_addendum            | 2008/02/15 | 6g1           | Report                     | 39           | Silviculture Resource Report for Navy Timber Sale FEIS           | x            | x          | Silviculture Resource Report for Navy Timber Sale Final Environmental Impact Statement                                          | Mike Reed and Sheila Spores, USFS | IDT               |                                                          |
| 572            | Navy    | <a href="#">1027</a> | Project           | 1027_090220_navy_silviculture_ROD_addendum   | 2009/02/23 | 6g1           | Report                     | 8            | Silviculture Report Addendum for the Selected Alternative        | x            | x          | Navy Timber Sale EIS Project Area Silviculture Report Addendum for the Selected Alternative                                     | Sheila Spores, USFS               | IDT               |                                                          |
| 572            | Navy    | <a href="#">0987</a> | Project           | 0987_080703_correction_to_FP-amendment_cedar | 2008/07/03 | 6g2           | Memo                       | 2            | Correction to Forest Plan Amendment regarding Timber S&G (TIM 3) | x            | x          | Clarification of TIM 3 in the 2008 Forest Plan                                                                                  | Patricia Krosse, USFS             | FS Personnel      |                                                          |
| 572            | Navy    | <a href="#">0892</a> | Project           | 0892_draft_uneven_aged                       |            | 6g4           | Silvicultural Prescription | 8            | Description of uneven-aged management                            | x            | x          | Draft description of uneven-aged management, no date or signature                                                               | Mike Reed                         | IDT               |                                                          |
| 572            | Navy    | <a href="#">0891</a> | Project           | 0891_even_aged                               | 2008/05/05 | 6g4           | Silvicultural Prescription | 9            | Description of even-aged management                              | x            | x          | Even-aged management document                                                                                                   | Mike Reed                         | IDT               |                                                          |
| 572            | Navy    | <a href="#">0800</a> | Project           | 0800_unit034                                 | 2008/10/15 | 6g4           | Silvicultural Prescription | 8            | Unit 034 Rx                                                      | x            | x          | Silvicultural Prescription                                                                                                      | Mike Reed                         | IDT               |                                                          |

## 090508 Example Project Record

| Project Number | Project | Record Number        | Admin Record Type | File Name                                 | Date       | Schema Folder | Type of Record             | No. of Pages | Title                                                                                   | paper record | e-record | General Description                                                                                       | Author                                              | Recipient      | Notes |
|----------------|---------|----------------------|-------------------|-------------------------------------------|------------|---------------|----------------------------|--------------|-----------------------------------------------------------------------------------------|--------------|----------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|-------|
| 572            | Navy    | <a href="#">0801</a> | Project           | 0801_unit035                              | 2008/10/15 | 6g4           | Silvicultural Prescription | 8            | Unit 035 Rx                                                                             | x            | x        | Silvicultural Prescription                                                                                | Mike Reed                                           | IDT            |       |
| 572            | Navy    | <a href="#">0802</a> | Project           | 0802_Unit036                              | 2008/10/15 | 6g4           | Silvicultural Prescription | 9            | Unit 036 Rx                                                                             | x            | x        | Silvicultural Prescription                                                                                | Mike Reed                                           | IDT            |       |
| 572            | Navy    | <a href="#">0803</a> | Project           | 0803_Unit037                              | 2008/10/15 | 6g4           | Silvicultural Prescription | 9            | Unit 037 Rx                                                                             | x            | x        | Silvicultural Prescription                                                                                | Mike Reed                                           | IDT            |       |
| 572            | Navy    | <a href="#">0804</a> | Project           | 0804_Unit038                              | 2008/10/15 | 6g4           | Silvicultural Prescription | 8            | Unit 038 Rx                                                                             | x            | x        | Silvicultural Prescription                                                                                | Mike Reed                                           | IDT            |       |
| 572            | Navy    | <a href="#">0931</a> | Project           | 0931_Starfishgoshawk 20050709             | 2005/07/18 | 6n3           | Report                     | 4            | Goshawk surveys in the Starfish area on 07092005                                        | x            | x        | Goshawk surveys in the Starfish area on 07092005                                                          | Michael Friedrich, Amanda Pantovich, Daniel Kraemer | IDT            |       |
| 572            | Navy    | <a href="#">0922</a> | Project           | 0922_Goshawk_20050624                     | 2005/07/19 | 6n3           | Report                     | 3            | Goshawk surveys in the Madan area on 06242005                                           | x            | x        | Goshawk surveys in the Madan area on 06242005                                                             | Daniel Kraemer                                      | IDT            |       |
| 572            | Navy    | <a href="#">0924</a> | Project           | 0924_MadanGoshawk                         | 2005/07/19 | 6n3           | Report                     | 3            | Goshawk surveys in the Madan area on 06242005                                           | x            | x        | Goshawk surveys in the Madan area on 06242005                                                             | Michael Friedrich                                   | IDT            |       |
| 572            | Navy    | <a href="#">0913</a> | Project           | 0913_Camp Carl goshawk 20050725           | 2005/07/28 | 6n3           | Report                     | 3            | Camp Carl Goshawk Survey on 07/25/2005                                                  | x            | x        | Camp Carl Goshawk Survey on 07/25/2005                                                                    | Daniel Kraemer                                      | IDT            |       |
| 572            | Navy    | <a href="#">0934</a> | Project           | 0934_Doughnut_nest_directions             | 2005/08/01 | 6n3           | Report                     | 2            | FOIA EXEMPT Directions to the Doughnut area Goshawk Nests                               | x            | x        | FOIA EXEMPT This document is FOIA EXEMPT because we do not give out the exact locations of goshawk nests. | USFS                                                | IDT            |       |
| 572            | Navy    | <a href="#">0937</a> | Project           | 0937_Shady goshawk nest locations         | 2005/08/01 | 6n3           | Report                     | 1            | FOIA EXEMPT Directions to the Shady area Goshawk Nests                                  | x            | x        | FOIA EXEMPT This document is FOIA EXEMPT because we do not give out the exact locations of goshawk nests. | USFS                                                | IDT            |       |
| 572            | Navy    | <a href="#">0932</a> | Project           | 0932_Camp Carl Nest Directions            | 2005/09/29 | 6n3           | Report                     | 1            | FOIA EXEMPT Directions to the Camp Carl Goshawk Nests                                   | x            | x        | FOIA EXEMPT This document is FOIA EXEMPT because we do not give out the exact locations of goshawk nests. | USFS                                                | IDT            |       |
| 572            | Navy    | <a href="#">0938</a> | Project           | 0938_Starfish area goshawk nest locations | 2005/09/29 | 6n3           | Report                     | 1            | FOIA EXEMPT Directions to the Starfish area Goshawk Nests                               | x            | x        | FOIA EXEMPT This document is FOIA EXEMPT because we do not give out the exact locations of goshawk nests. | USFS                                                | IDT            |       |
| 572            | Navy    | <a href="#">0935</a> | Project           | 0935_Madan Bay nest directions            | 2005/10/04 | 6n3           | Report                     | 1            | FOIA EXEMPT Directions to the Madan Bay area Goshawk Nests                              | x            | x        | FOIA EXEMPT This document is FOIA EXEMPT because we do not give out the exact locations of goshawk nests. | USFS                                                | IDT            |       |
| 572            | Navy    | <a href="#">0900</a> | Project           | 0900_2006 Etolin brown bear surveys       | 2006/10/05 | 6n3           | Report                     | 5            | 2006 Etolin Brown Bear Surveys                                                          | x            | x        | 2006 Etolin Brown Bear Surveys                                                                            | Various Biologists                                  | IDT            |       |
| 572            | Navy    | <a href="#">0899</a> | Project           | 0899_Wildlfe Discoveries                  | 2007/09/06 | 6n3           | Report                     | 1            | Wildlife Discoveries for proposed Navy Timber Sale Area                                 | x            | x        | Wildlife Discoveries for proposed Navy Timber Sale Area                                                   | USFS                                                | IDT            |       |
| 572            | Navy    | <a href="#">0901</a> | Project           | 0901_nogo_navy                            | 2007/09/19 | 6n3           | data                       | 430          | Navy Northern Goshawk survey information                                                | x            | x        | Navy Northern Goshawk survey information - converted from Excel spreadsheet                               | USFS                                                | IDT            |       |
| 572            | Navy    | <a href="#">0896</a> | Project           | 0896_Navy Brown Bear Surveys Maps         | 2007/09/24 | 6n3           | map                        | 1            | Navy Brown Bear Surveys                                                                 | x            | x        | Map of Navy Brown Bear Survey areas                                                                       |                                                     | IDT            |       |
| 572            | Navy    | <a href="#">0898</a> | Project           | 0898_Brown Bear Surveys                   | 2007/09/24 | 6n3           | Report                     | 2            | 2006 Brown Bear Surveys for High Use for the Proposed Navy Timber Sale on Etolin Island | x            | x        | 2006 Brown Bear Surveys for High Use for the Proposed Navy Timber Sale on Etolin Island                   | USFS                                                | IDT            |       |
| 572            | Navy    | 1103                 | Project           |                                           | 00/00/00   | 7a            | GIS Covers                 |              | waas_vcus.emf                                                                           | CD           |          | Wildlife Resource Report Maps                                                                             | USDA                                                | Project Record |       |
| 572            | Navy    | 1103                 | Project           |                                           | 00/00/00   | 7a            | GIS Covers                 |              | AltA.emf                                                                                | CD           |          | Wildlife Resource Report Maps                                                                             | USDA                                                | Project Record |       |
| 572            | Navy    | 1103                 | Project           |                                           | 00/00/00   | 7a            | GIS Covers                 |              | AltA.pdf                                                                                | CD           |          | Wildlife Resource Report Maps                                                                             | USDA                                                | Project Record |       |

## 090508 Example Project Record

| Project Number | Project | Record Number        | Admin Record Type | File Name                       | Date       | Schema Folder | Type of Record | No. of Pages | Title                                                  | paper record | e-record | General Description                                                                                              | Author                    | Recipient                  | Notes |
|----------------|---------|----------------------|-------------------|---------------------------------|------------|---------------|----------------|--------------|--------------------------------------------------------|--------------|----------|------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------|-------|
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | AltB.emf                                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | AltB.pdf                                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | AltC.emf                                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | AltC.pdf                                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | AltD.emf                                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | AltD.pdf                                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | AltE.emf                                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | AltE.pdf                                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | AltF.emf                                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | AltF.pdf                                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | landslides.emf                                         | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | landslides.pdf                                         | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | lud_color8x11swe.emf                                   | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | replace_existing8x11.emf                               | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | 1103                 | Project           |                                 | 00/00/00   | 7a            | GIS Covers     |              | roadless_areas_etolin_jr.emf                           | CD           |          | Wildlife Resource Report Maps                                                                                    | USDA                      | Project Record             |       |
| 572            | Navy    | <a href="#">0790</a> | Project           | 0790_Navy_DEIS_with_errata      | 2007/10    | 9             | EIS            | 685          | Navy Timber Sale Draft Environmental Impact Statement  | x            | x        | Drafte analysis of impacts expected for all analyze alternatives                                                 | USFS                      | Public                     |       |
| 572            | Navy    | <a href="#">1041</a> | Project           | 1041_Navy_FEIS                  | 2009/03    | 10            | EIS            | 538          | Navy Timber Sale Final Environmental Impact Statement  | x            | x        | Navy Timber Sale Final Environmental Impact Statement                                                            | USFS                      | Public                     |       |
| 572            | Navy    | <a href="#">1042</a> | Project           | 1042_Navy_ROD                   | 03/10/09   | 10            | ROD            | 274          | Navy Timber Sale Record of Decision                    | x            | x        | Navy Timber Sale Record of Decision                                                                              | USFS                      | Public                     |       |
| 572            | Navy    | <a href="#">1016</a> | Project           | 1016_planning_record_guidelines | 2008/12/16 | 11            | Memo           | 2            | Guidelines for project record                          | x            | x        | Guidelines for project record                                                                                    | USFS                      | IDT                        |       |
| 572            | Navy    | <a href="#">1032</a> | Project           | 1032_edwards_reeck_call         | 2009/03/13 | 12            | Memo           | 1            | Phone conversation between Rob Reeck and Larry Edwards | x            | x        | Phone conversation between Rob Reeck and Larry Edwards regarding the status of the Navy Timber Sale FEIS and ROD | Rob Reeck, USFS           | IDT                        |       |
| 572            | Navy    | <a href="#">1040</a> | Project           | 1040_20090325_Edwards_FOIA_Navy | 2009/03/25 | 12            | Memo           | 1            | FOIA Request for Navy Planning Record                  | x            | x        | FOIA Request for Navy Planning Record                                                                            | Larry Edwards, Greenpeace | Connie Adams Johnson, USFS |       |

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Mon May 11 2009 12:25:57 EDT  
**To:** mreichard@swca.com;ccoyle@swca.com;beverley a everson/r3/usdafs@fsnotes;john able/r3/usdafs@fsnotes;retalaford/r3/usdafs@fsnotes;tfurgason@swca.com;jmacivor@swca.com  
**CC:**  
**Subject:** follow-up info: Call regarding Electronic Administrative Records  
**Attachments:** 090508\_KMRD\_schema\_cover\_sheet\_EIS.doc;09\_example\_Project\_Record\_Index.xls

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

----- Forwarded by Sarah L Davis/R3/USDAFS on 05/11/2009 09:21 AM -----

Susan Jennings/R10/USDAFS  
05/08/2009 04:51 PM

To  
Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, sldavis@fs.fed.us  
cc

Subject  
Re: Call regarding Electronic Administrative Records

Hi,

As requested at this mornings teleconference, here are examples of the project record index spreadsheet and a cover page for project record files.

I was asked after the teleconference why I didn't like the cover sheet, which makes me believe I was misunderstood. I have and will continue to use the cover sheet for the hard copy files. I was trying to stress not to include the cover sheet in your electronic files and don't add them to your documents because they change the page numbering. We get in trouble in Court when our page numbers don't match.

You may note that the cover sheet has a different schema than the pre-work that I sent. At one time, each of the Districts could develop their own schema; we found that this caused confusion during litigation because several projects would be litigated together and the different schemas didn't mesh well. The protocol I sent is our attempt to get everyone on the same page.

Please let me know if you have any more questions or need anything else.

follow-up info: Call regarding Electronic Administrative Records

Sue Jennings  
Tongass National Forest  
907-945-1203  
907-723-0477

"When you stop editing, it will go to the printer."

Change in tomorrow's agenda

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue May 12 2009 20:40:10 EDT  
**To:** "melissa reichard" <mreichard@swca.com>  
**CC:** "matt petersen" <mpetersen@swca.com>; "charles coyle" <ccoyle@swca.com>; "beverley a everson" <beverson@fs.fed.us>  
**Subject:** Change in tomorrow's agenda  
**Attachments:**

**Importance:** Normal  
**Priority:** Urgent  
**Sensitivity:** None

Melissa,

I just got a call from Bev and there is one change for tomorrows agenda. Please change Kathy's presentation to "Alternative Responsive to Public Input". Thanks.

Tom

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed Jul 14 2010 18:09:36 EDT  
**To:** debby kriegel/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Barrel Only Description  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Debby,

Thanks for the copy of the memo that you wrote on the landforming alternative. You provided a good description of the evolution of the alternative, and what you would like to have done to complete it. We'll see where it goes from here.

As for the description of the alternative, here's what Dale provided. He mostly just described responsiveness to issues. Can you add anything in terms of a description, ie., slopes, size compared to other alternatives, compatability with natural topography compared with other alternatives, etc.?

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/14/2010 03:06 PM -----

"Dale Ortman PE" <daleortmanpe@live.com>  
07/14/2010 01:12 PM

To  
"Beverley A Everson" <beverson@fs.fed.us>  
cc  
"Lara Mitchell" <lmitchell@swca.com>, "Melissa Reichard" <mreichard@swca.com>, "Jonathan Rigg"  
<jrigg@swca.com>  
Subject  
RE: Barrel Only Description

Bev,

We do not have any numbers from Rosemont/TetraTech on the new Barrel-Only landform, but here's a bullet list of the resource areas that we discussed during the development process.

- Water Resources – Primary driver for initial development of the Barrel-Only Alternative with the objective of keeping the McCleary drainage open.
- Visual – Primary driver for development of the new Barrel-Only landform
- Water Resources – New landform maintains McCleary open and provides a primary drainage path tying into Barrel Canyon; also provides for modified concave slopes on some slopes
- Recreation/Grazing/Wildlife/ – Post-mine resource may benefit from variable topography

Resources that will likely suffer negative impacts are:

- Heritage Sites – Includes taking the Ball Court
- Air Quality – Active mine work occurs close to SR83

What we have is agreement on the basic topography and footprint of the potential alternative and Rosemont's assurance that they can construct the facility. Currently Rosemont is tasked with additional engineering, especially regarding the surface water controls, to add to the description.

Regards,

Dale

From: Jonathan Rigg [mailto:jrigg@swca.com]  
Sent: Wednesday, July 14, 2010 12:27 PM  
To: Beverley A Everson  
Cc: Dale Ortman PE; Lara Mitchell; Melissa Reichard  
Subject: Barrel Only Description

Bev,

Got a hold of Dale and he will be sending you a brief description of the updated Barrel Only alternative that was approved last Friday. Rosemont was tasked with determining total acreages, etc., and we have not yet received that data. Lara is working on making sure the Figure for tomorrow is this latest version. Dale will email you the description as soon as possible.

Thanks!

Jonathan Rigg  
Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona  
Phone: (520) 325-9194  
Fax: (520) 325-2033  
Email: jrigg@swca.com

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Mon May 18 2009 14:08:03 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "tom furgason" <tfurgason@swca.com>; "ken kertell" <kkertell@swca.com>  
**Subject:** FW: Another request from Rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

Actually, I was just told that our Biologist has been waiting for an addendum to the PPC report for three weeks as well. Could you add that to your list please? Please let me know if there is something I can do to help get these documents rolling.

Thanks Again!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Melissa Reichard  
Sent: Monday, May 18, 2009 10:27 AM  
To: Beverley A Everson  
Cc: Tom Furgason; Charles Coyle; Ken Kertell  
Subject: Another request from Rosemont

Bev-

Just a reminder- we are still waiting for the "Biological Resources & Mitigation Concepts" by Westland 2007 that was referenced in the MPO that we requested a little while back. Could you check in on that as well?

Big Thanks!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

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"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

Re: Change in tomorrow's agenda

**From:** tfurgason@swca.com  
**Sent:** Tue May 12 2009 23:59:04 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "matt petersen" <mpetersen@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Re: Change in tomorrow's agenda  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks Bev!

Sent from my Verizon Wireless BlackBerry

From: Beverley A Everson  
Date: Tue, 12 May 2009 21:40:00 -0600  
To: Tom Furgason <tfurgason@swca.com>  
Subject: Re: Change in tomorrow's agenda

Here is the revised agenda...I'll print them out and bring them to the meeting (copies for all attendees). Note that T.A. is presenting in Reta's absence - I made that change also.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Tom Furgason" <tfurgason@swca.com>

05/12/2009 05:50 PM

To  
"Melissa Reichard" <mreichard@swca.com>  
cc  
"Matt Petersen" <mpetersen@swca.com>, "Charles Coyle" <ccoyle@swca.com>, "Beverley A Everson" <beverson@fs.fed.us>  
Subject  
Change in tomorrow's agenda

Melissa,

I just got a call from Bev and there is one change for tomorrow's agenda. Please change Kathy's presentation to "Alternative Responsive to Public Input". Thanks.

Tom

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue May 26 2009 22:44:14 EDT  
**To:** "kathy arnold" <karnold@rosemontcopper.com>; "charles coyle" <ccoyle@swca.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>  
**Subject:** RE: Report Schedule  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Thanks Kathy.

From: Kathy Arnold [mailto:karnold@rosemontcopper.com]  
Sent: Tue 5/26/2009 9:38 AM  
To: Charles Coyle  
Cc: Beverley A Everson; Tom Furgason  
Subject: Report Schedule

Charles,

Here is where we are with our report scheduling. Let me know if you have questions...

Cheers!

Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** walter keyes/r3/usdafs;nsf;wkeyes@fs.fed.us;smtp  
**Sent:** Thu May 28 2009 15:49:54 EDT  
**To:** "ralph ellis" <rellis@swca.com>  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** RE: Rosemont EIS Chapter 3, Affected Environment  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Ralph,

The Mining Plan of Operations (MPO) speaks of shipping the concentrates and copper plate from the Port of Tucson, as I recall. This means everything of substance will head north on SR 83. If this is correct--which I believe it is--then I concur with your analysis intersections as presented here.

Looking at the Traffic Analysis document I see the description of the two adjacent roadway segments (each a portion of SR 83/ aka AZ 83), separated by Hidden Valley Road's intersection. I don't see or understand the reasoning behind breaking the two segments at that location as opposed to, say, at Rosemont Junction. Perhaps you can enlighten me?

Regarding the analysis times, I concur.

Walt.

.....  
Walt Keyes -- Roads Engineer  
Coronado National Forest  
300 W. Congress, Tucson, AZ 85701  
520-388-8416 voice / 260-9567 cell / 388-8334 fax / wkeyes@fs.fed.us  
"Being right too soon is socially unacceptable".  
-- Robert A. Heinlein  
.....

"Ralph Ellis" <rellis@swca.com>  
05/28/2009 10:53 AM

To  
"Walter Keyes" <wkeyes@fs.fed.us>  
cc

Subject  
RE: Rosemont EIS Chapter 3, Affected Environment

Walt,

I have been asked by the SWCA project manager to proceed with drafting the transportation/access sections of Chapter 3, Affected Environment, of the Rosemont EIS. The first step is to establish the bounds of analysis (both geographic and temporal) as well as the timeline of analysis. The traffic analysis report study area included seven intersections and two roadway segments along SR 83 between Interstate 10 and Greaterville Road. It included the following:

1-10 westbound on- and off-ramps

1-10 eastbound on- and off-ramps

East Sahuarita Road

Hilton Ranch Road

Hidden Valley Road

Rosemont Junction

Greaterville Road

Do you concur with the above bound of analysis for transportation/analysis and the time of analysis would be during the construction, operations and closure phases of the mining project?

From: Walter Keyes [mailto:wkeyes@fs.fed.us]

Sent: Wednesday, March 11, 2009 5:24 PM

To: Ralph Ellis

Cc: Charles Coyle; Jeff Connell; Melissa Reichard; Tom Furgason

Subject: Re: Rosemont EIS Chapter 3, Affected Environment

Ralph,

Attached is the document with my markups in yellow highlight.

Thanks.

Walt.

.....  
Walt Keyes -- Roads Engineer  
Coronado National Forest  
300 W. Congress, Tucson, AZ 85701  
520-388-8416 voice / 260-9567 cell / 388-8332 fax / wkeyes@fs.fed.us  
"Being right too soon is socially unacceptable".  
-- Robert A. Heinlein  
.....

"Ralph Ellis" <rellis@swca.com>  
03/09/2009 10:16 AM

To  
<wkeyes@fs.fed.us>  
cc  
"Charles Coyle" <ccoyle@swca.com>, "Jeff Connell" <jconnell@swca.com>, "Tom Furgason" <tfurgason@swca.com>, "Melissa Reichard" <mreichard@swca.com>  
Subject  
Rosemont EIS Chapter 3, Affected Environment

Walter,  
Attached is what I have developed as headings and subheadings for the Transportation section of Chapter 3, Affected Environment. Please review and provide any comments or additions that you may have. Thanks.

<<Chapter 3, TRANSPORTATION.doc>>

Ralph Ellis

Sr. Environmental Planner/Project Manager

SWCA Environmental Consultants

3033 N. Central Avenue, Suite 145

Phoenix, AZ 85004

T 602.274.3831 / F 602.274.3958/ C 480.510.3586

[www.swca.com](http://www.swca.com)

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**From:** teresa ann ciapusci/r3/usdafs;nsf;tciapusci@fs.fed.us;smtp  
**Sent:** Tue Apr 28 2009 12:23:47 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**CC:** mreichard@swca.com  
**Subject:** Fw: Comments from Farmers Investment Co. (FICO) & Farmers Water Co. on Draft EA of CWC Plan for CAP Water Delivery System  
**Attachments:** FICO-Comments on the Draft EA for the CWC pipeline.pdf;FICO-Letter to S.Eto transmitting comments.pdf  
**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

----- Forwarded by Teresa Ann Ciapusci/R3/USDAFS on 04/28/2009 09:23 AM -----

Keith L Graves/R3/USDAFS  
04/27/2009 02:25 PM

To  
Teresa Ann Ciapusci/R3/USDAFS  
cc

Subject  
Fw: Comments from Farmers Investment Co. (FICO) & Farmers Water Co. on Draft EA of CWC Plan for CAP Water Delivery System

sent to the other "kgraves" in R5.

"May the rocks others place in your path be but pebbles to you". klg

Keith L. Graves  
Border Liaison-Coronado N.F.  
Secure Border Initiative/SBInet  
300 W. Congress, Tucson, AZ 85701  
520-403-4528  
klgraves@fs.fed.us

----- Forwarded by Keith L Graves/R3/USDAFS on 04/27/2009 02:22 PM -----

Kenneth A Graves/R5/USDAFS  
04/27/2009 01:27 PM

To  
Keith L Graves/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Comments from Farmers Investment Co. (FICO) & Farmers Water Co. on Draft EA of CWC Plan for CAP Water Delivery System

----- Forwarded by Kenneth A Graves/R5/USDAFS on 04/27/2009 01:27 PM -----

"Carolyn Humphrey" <chumphrey@greenvalleypecan.com>  
04/27/2009 11:04 AM

To  
"Carolyn Humphrey" <chumphrey@greenvalleypecan.com>  
cc

Subject  
Comments from Farmers Investment Co. (FICO) & Farmers Water Co. on Draft EA of CWC Plan for CAP Water Delivery System

Good Morning,

Please find attached Farmers Investment Co.'s (FICO) corporate comments prepared by Dick and Nan Walden, on the above referenced Draft Environmental Assessment (EA). Should you have difficulty opening the attachments, please let me know.

Sincerely,

Carolyn Humphrey  
Executive Assistant to Dick Walden  
Farmers Investment Co.  
1525 E. Sahuarita Road  
P.O. Box 7  
Sahuarita, AZ 85629

Office: 520-879-7426

Fax: 520-791-2853

[chumphrey@greenvalleypecan.com](mailto:chumphrey@greenvalleypecan.com)

RE: scoping report meeting

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri May 29 2009 16:46:24 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>  
**CC:**  
**Subject:** RE: scoping report meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Perfect. I'll be there!

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Friday, May 29, 2009 1:44 PM  
To: Tom Furgason; Reta Laford  
Subject: scoping report meeting

Hi Tom,

Reta and I are both available to meet with you after the Limehouse demo and our regular Tuesday FS/SWCA meeting.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

# Monthly EIS Documentation Report

## Rosemont Copper Project EIS - 2009

|                                                                           | 2009 Budget | Percent 2009 Budget Expended | Estimated Percent Complete | MOU Deliverable Date | Date Delivered to CNF by SWCA |           |       | CNF Final Review & Acceptance |
|---------------------------------------------------------------------------|-------------|------------------------------|----------------------------|----------------------|-------------------------------|-----------|-------|-------------------------------|
|                                                                           |             |                              |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |
| <b>Task 1. Management of the NEPA Process</b>                             |             |                              |                            |                      |                               |           |       |                               |
| 1.1 Weekly Project Status Meetings                                        |             | 99%                          | 43%                        | NA                   |                               |           |       |                               |
| 1.2 Proponent Status Meetings                                             |             | 99%                          | 43%                        | NA                   |                               |           |       |                               |
| 1.3 Monthly Process Milestone Management                                  |             | 90%                          | 43%                        | NA                   |                               |           |       |                               |
| 1.4 Other Meetings                                                        |             | 100%                         | Unknown                    |                      |                               |           |       |                               |
| <b>Task 1 NTE</b>                                                         |             |                              |                            |                      |                               |           |       |                               |
| <b>Task 2. Cooperating Agency Process and Interdisciplinary Team Lead</b> |             |                              |                            |                      |                               |           |       |                               |
| 2.1 Cooperating Agency Liaison                                            |             | 28%                          | 25%                        |                      |                               |           |       |                               |
| 2.2 Review of EIS for Forest Plan Consistency                             |             | 0%                           | 0%                         |                      |                               |           |       |                               |
| <b>Task 2 NTE</b>                                                         |             |                              |                            |                      |                               |           |       |                               |
| <b>Task 3. Management of Administrative Record</b>                        |             |                              |                            |                      |                               |           |       |                               |
| 3.1 Quarterly compilation of AR                                           |             | 97%                          | 100% (1st quarter)         |                      |                               |           |       |                               |
| 3.2 Response to FOIA Inquiries                                            |             | NA                           | NA                         | NA                   |                               |           |       |                               |
| <b>Task 3 NTE</b>                                                         |             |                              |                            |                      |                               |           |       |                               |
| <b>Task 4. Scoping Summary</b>                                            |             |                              |                            |                      |                               |           |       |                               |
| 4.1 Scoping Process and Quantitative Results                              |             | 99%                          | 95%                        | Feb-09               |                               |           |       |                               |
| 4.2 Content Analysis and Thematic Grouping of Issues                      |             | 99%                          | 95%                        | Feb-09               |                               |           |       |                               |
| 4.3 Issue Statements and Issues to be Analyzed in Detail                  |             | 99%                          | 85%                        | Feb-09               |                               |           |       |                               |
| <b>Task 4 NTE</b>                                                         |             |                              |                            |                      |                               |           |       |                               |
| <b>Task 5. Detailed Technical Reports to Address Significant Issues</b>   |             |                              |                            |                      |                               |           |       |                               |
| 5.1 Issue 1 Water Resources                                               |             | 41%                          | 15%                        |                      |                               |           |       |                               |
| 5.2 Issue 2. Visual Resources                                             |             | 26%                          | 25%                        | NA                   |                               |           |       |                               |
| 5.3 Issue 6. Biological Resources                                         |             | 30%                          | 65%                        | NA                   | May-09                        |           |       |                               |
| 5.4 Issue 7. Cultural Resources (inc.Ethnohistory Report)                 |             | 75%                          | 75%                        | NA                   | Apr.2                         | NA        |       |                               |
| <b>Task 5 NTE</b>                                                         |             |                              |                            |                      |                               |           |       |                               |

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

# Monthly EIS Documentation Report

## Rosemont Copper Project EIS - 2009

|  | 2009 Budget | Percent 2009 Budget Expended | Estimated Percent Complete | MOU Deliverable Date | Date Delivered to CNF by SWCA |           |       | CNF Final Review & Acceptance |
|--|-------------|------------------------------|----------------------------|----------------------|-------------------------------|-----------|-------|-------------------------------|
|  |             |                              |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |

### TASK 6: EIS DOCUMENT

| <b>Task 6.1 Chapter 1 - Introduction and Purpose and Need</b> |  |             |             |               |   |   |        |  |
|---------------------------------------------------------------|--|-------------|-------------|---------------|---|---|--------|--|
| 6.1.1 Introduction                                            |  | 8%          | 30%         | NA            |   |   |        |  |
| 6.1.2 Document Organization                                   |  | 8%          | 30%         | NA            |   |   |        |  |
| 6.1.3 Project History and Background                          |  | 8%          | 30%         |               |   |   |        |  |
| <b>6.1.4 Purpose &amp; Need for Action</b>                    |  | <b>100%</b> | <b>100%</b> | <b>Oct-08</b> | - | - | Jan-09 |  |
| 6.1.5 Regulatory Framework and Authorizing Actions            |  | 8%          | 40%         | NA            |   |   |        |  |
| 6.1.6 Issues Raised During Scoping                            |  | 100%        | 90%         | NA            |   |   |        |  |
| 6.1.7 Interrelated Actions (Introduction & Past, Present,...) |  | 0%          | 0%          | NA            |   |   |        |  |
| Chapter 1 completed                                           |  | 8%          | 100%        | Apr-09        |   |   |        |  |
| <b>Task 6.1 NTE</b>                                           |  |             |             |               |   |   |        |  |

| <b>Task 6.2 Chapter 2 - Alternatives Development</b> |  |            |            |        |  |  |  |  |
|------------------------------------------------------|--|------------|------------|--------|--|--|--|--|
| 6.2.1 No Action Alternative                          |  | 20%        | 50%        |        |  |  |  |  |
| 6.2.2 Proposed Action                                |  | 100%       | 100%       | Oct-08 |  |  |  |  |
| 6.2.3 Alternative 3                                  |  | 20%        | 20%        | NA     |  |  |  |  |
| 6.2.4 Alternative 4                                  |  | 20%        | 20%        | NA     |  |  |  |  |
| 6.2.5 Alternatives Eliminated Alternatives           |  | 50%        | 50%        | NA     |  |  |  |  |
| Alternatives Analysis Completed                      |  | 50%        | 50%        | Mar-09 |  |  |  |  |
| <b>Task 6.2 NTE</b>                                  |  | <b>50%</b> | <b>50%</b> |        |  |  |  |  |

| <b>Task 6.3 Chapter 3 - Affected Environment</b> |  |     |     |        |  |  |  |  |
|--------------------------------------------------|--|-----|-----|--------|--|--|--|--|
| 6.3.1 Air Quality                                |  | 25% | 25% | Apr-09 |  |  |  |  |
| 6.3.2 Hydrology                                  |  | 25% | 25% |        |  |  |  |  |
| 6.3.3 Geology and Minerals                       |  | 25% | 25% | Apr-09 |  |  |  |  |
| 6.3.4 Soils & Reclamation                        |  | 25% | 25% | Apr-09 |  |  |  |  |
| 6.3.5 Biological Resources                       |  | 35% | 85% | Apr-09 |  |  |  |  |
| 6.3.6 Cultural Resources                         |  | 50% | 50% | Apr-09 |  |  |  |  |
| 6.3.7 Socioeconomics/EJ                          |  | 30% | 30% | Apr-09 |  |  |  |  |
| 6.3.8 Visual Resources                           |  | 26% | 25% | Apr-09 |  |  |  |  |
| 6.3.9 Transportation/Access                      |  | 25% | 25% | Apr-09 |  |  |  |  |
| 6.3.10 Recreation                                |  | 10% | 10% | Apr-09 |  |  |  |  |
| 6.3.11 Livestock and Grazing                     |  | 5%  | 5%  | Apr-09 |  |  |  |  |
| 6.3.12 Land Use and Wilderness                   |  | 5%  | 5%  | Apr-09 |  |  |  |  |
| 6.3.13 Noise                                     |  | 10% | 10% | Apr-09 |  |  |  |  |
| 6.3.14 Lighting                                  |  | 20% | 20% | Apr-09 |  |  |  |  |

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

# Monthly EIS Documentation Report

## Rosemont Copper Project EIS - 2009

|                                 | 2009 Budget | Percent 2009 Budget Expended | Estimated Percent Complete | MOU Deliverable Date | Date Delivered to CNF by SWCA |           |       | CNF Final Review & Acceptance |
|---------------------------------|-------------|------------------------------|----------------------------|----------------------|-------------------------------|-----------|-------|-------------------------------|
|                                 |             |                              |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |
| 6.3.15 Hazardous Materials      |             | 0%                           | 0%                         | Apr-09               |                               |           |       |                               |
| 6.3.16 Public Health and Safety |             | 20%                          | 20%                        | Apr-09               |                               |           |       |                               |
| Chapter 3 AE Completed          |             | 15%                          | 15%                        | Apr-09               |                               |           |       |                               |
| <b>Task 6.3 NTE</b>             |             | <b>9%</b>                    | <b>20%</b>                 |                      |                               |           |       |                               |

| <b>Task 6.4 Chapter 3- Environmental Consequences</b>      |  |     |     |        |  |  |  |  |
|------------------------------------------------------------|--|-----|-----|--------|--|--|--|--|
| 6.4.1 Air Quality                                          |  | 25% | 25% | Aug-09 |  |  |  |  |
| 6.4.2 Hydrology                                            |  |     |     |        |  |  |  |  |
| 6.4.3 Geology and Minerals                                 |  | 25% | 25% | Aug-09 |  |  |  |  |
| 6.4.4 Soils & Reclamation                                  |  | 25% | 25% | Aug-09 |  |  |  |  |
| 6.4.5 Biological Resources                                 |  | 10% | 10% | Aug-09 |  |  |  |  |
| 6.4.6 Cultural Resources                                   |  | 15% | 15% | Aug-09 |  |  |  |  |
| 6.4.7 Socioeconomics/EJ                                    |  | 30% | 30% | Aug-09 |  |  |  |  |
| 6.4.8 Visual Resources                                     |  | 15% | 15% | Aug-09 |  |  |  |  |
| 6.4.9 Transportation/Access                                |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.10 Recreation                                          |  | 10% | 10% | Aug-09 |  |  |  |  |
| 6.4.11 Livestock and Grazing                               |  | 5%  | 5%  | Aug-09 |  |  |  |  |
| 6.4.12 Land Use and Wilderness                             |  | 5%  | 5%  | Aug-09 |  |  |  |  |
| 6.4.13 Noise                                               |  | 10% | 10% | Aug-09 |  |  |  |  |
| 6.4.14 Lighting                                            |  | 0%  | 0%  | Aug-09 |  |  |  |  |
| 6.4.15 Hazardous Materials                                 |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.16 Public Health and Safety                            |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.17 Monitoring and Mitigation                           |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.18 Unavoidable Adverse Effects                         |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.19 Short-term use/Long-term Prod.                      |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.20 Irreversible/ Irrecoverable Commitment of Resources |  | 20% | 20% | Aug-09 |  |  |  |  |
| Chapter 3 EC Completed                                     |  | 15% | 15% | Sep-09 |  |  |  |  |
| <b>Task 6.4 NTE</b>                                        |  |     |     |        |  |  |  |  |

| <b>Task 6.5 Chapters 4-9 and Appendices</b> |  |            |            |        |  |  |  |  |
|---------------------------------------------|--|------------|------------|--------|--|--|--|--|
| Chapter 4. Consultation & Coordination      |  | 10%        | 10%        | Sep-09 |  |  |  |  |
| Chapter 5. List of Preparers                |  |            |            | Oct-09 |  |  |  |  |
| Chapter 6. References                       |  |            |            | NA     |  |  |  |  |
| Chapter 7. Acronyms and Abbreviations       |  | 20%        | 20%        | NA     |  |  |  |  |
| Chapter 8. Glossary                         |  | 90%        | 90%        | NA     |  |  |  |  |
| Chapter 9. Index                            |  |            |            | NA     |  |  |  |  |
| <b>Task 6.5 NTE</b>                         |  | <b>39%</b> | <b>40%</b> |        |  |  |  |  |

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

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|                                                       |             |                              |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |
| <b>Task 7. Compilation and Formatting of the DEIS</b> |             |                              |                            |                      |                               |           |       |                               |
| 7.1 Administrative DEIS                               |             | 6%                           | 6%                         | Nov-09               |                               |           |       |                               |
| 7.2 Team Review of Admin. DEIS                        |             |                              |                            |                      |                               |           |       |                               |
| 7.3 Development of the DEIS                           |             |                              |                            |                      |                               |           |       |                               |
| <b>Task 7 NTE</b>                                     |             | 8%                           | 6%                         |                      |                               |           |       |                               |
| <b>Total 2009 NTE</b>                                 |             |                              |                            |                      |                               |           |       |                               |
|                                                       |             |                              |                            |                      |                               |           |       |                               |

| <b>Task 8: CNF Out-of-Scope Requests</b> | 2009 Budget | Percent 2009 Budget | Estimated Percent Complete | MOU Deliverable Date | Date Delivered to CNF by SWCA |           |       | CNF Final Review & Acceptance |
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|                                          |             |                     |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
| <b>Task 8 Cumulative Cost</b>            |             |                     |                            |                      |                               |           |       |                               |

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu May 28 2009 17:34:29 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Copy of Monthly Tracking Sheet process rev\_052909\_TF.xls  
**Attachments:** Copy of Monthly Tracking Sheet process rev\_052909\_TF.xls

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev and Teresa Ann,

Attached is the copy of SWCA's monthly tracking sheet. Please let me know if you have any questions or comments. Thanks.

Tom - Copy of Monthly Tracking Sheet process rev\_052909\_TF.xls

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Wed Feb 10 2010 10:04:12 EST  
**To:** kathy arnold <karnold@rosemontcopper.com>  
david krizek <david.krizek@tetrattech.com>;marcie bidwell <mbidwell@swca.com>;tom furgason  
<tfurgason@swca.com>;trent reeder <treeder@swca.com>;debby kriegel/r3/usdafs@fsnotes;beverley a  
**CC:** everson/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes  
**Subject:** Re: For USFS direction: RCC Viewshed analysis  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Hmmm. Sounds like there is a need to confirm what is possible for each alternative. Is this something that Tetra Tech can help with? Could they start with Golder's report next week? Alternatives like the McCleary/Scholefield ("perched on the top of a hill") might need very different treatment, huh?!

Kathy Arnold <karnold@rosemontcopper.com>  
02/10/2010 07:44 AM

To  
Debby Kriegel <dkriegel@fs.fed.us>, Marcie Bidwell <mbidwell@swca.com>  
cc  
David Krizek <david.krizek@tetrattech.com>, Tom Furgason <tfurgason@swca.com>, Trent Reeder  
<treeder@swca.com>  
Subject  
Re: For USFS direction: RCC Viewshed analysis

Debby -  
I agree with everything that you are saying (in concept) my concern is that Horst and Golder's work is being developed on a landform in a drainage – supported on several sides by the natural ground and not a free-form structure perched on the top of a hill or a drainage. That effects the stability and the stormwater management requirements. I do not think that you can evenly apply ALL grading on all shapes – it will give an indication yes, but needs to be judiciously applied. I am hoping that you get the disclaimers from Golder and Horst as to the applicability of applying their design techniques to other drainages or other locations – possibilities aren't necessarily reality.

Cheers!  
Kathy  
Katherine Ann Arnold, P.E. | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@rosemontcopper.com

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3031 West Ina Road | Tucson, AZ 85741 | www.rosemontcopper.com

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From: Debby Kriegel <dkriegel@fs.fed.us>  
Date: Wed, 10 Feb 2010 08:34:47 -0600  
To: Marcie Bidwell <mbidwell@swca.com>  
Cc: David Krizek <david.krizek@tetrattech.com>, Katherine Arnold <karnold@rosemontcopper.com>, Tom Furgason <tfurgason@swca.com>, Trent Reeder <treeder@swca.com>, Debby Kriegel <dkriegel@fs.fed.us>  
Subject: Re: For USFS direction: RCC Viewshed analysis

Simulations created for visual resource analysis and the EIS must be honest and accurate depictions of what the alternative would look like. They need to include stormwater management features, such as benches, if these features would be required. It is not appropriate to simulate 3:1 smooth top-to-bottom slopes if benches will be necessary (I'm assuming that this is what you're calling "angular grading" from Tetra Tech).

Golder's work will be complete on Monday, and the results may indicate that fewer benches are required. Horst Schor's work is expected to create more natural forms to deal with stormwater. Both of these would lessen effects to visual quality and should be incorporated as much as possible into alternatives and resulting simulations.

The exception would be the MPO, which doesn't have a stormwater grading plan. I recommend printing a disclaimer statement regarding this on the MPO simulations.

Thanks.

Debby Kriegel

"Marcie Bidwell" <mbidwell@swca.com> 02/09/2010 02:36 PM

To

"Krizek, David" <David.Krizek@tetrattech.com>, "Debby Kriegel" <dkriegel@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>, "Kathy Arnold" <karnold@rosemontcopper.com>, "Trent Reeder" <treeder@swca.com>

cc

Subject

For USFS direction: RCC Viewshed analysis

Hello Debby and Kathy,

I wanted to check in with you for direction to SWCA and Tetra Tech regarding what level of engineering resolution that we should all use in visual analysis and supporting efforts.

Please see David's message below and use the two attachments to place the questions in reference.

1. David has sent a pdf map of the Barrel only alternative that shows the angular grading of the "raw process."
2. I have attached a GIS view of the MPO with the benches etc, rather than smoothing, i.e. the "Raw process."

Due to the level of engineering development of the alternatives, David is proposing that both companies work from the raw version of the alternatives.

It is my understanding that working from the "raw" images would provide the "typical stormwater and benching" design that the Visual Coordination Meeting directed us to use (see KOP 12 attached).

Debby, Please confirm that we should all be working on the "raw" data that shows benching, to create a fair comparison.

David, I am still waiting for response to the questions that I submitted to Tt on Feb. 2 regarding the presentation of the MPO; I think my questions overlap with yours.

From Marcie to SWCA, Tt, and USFS on 2/2/2010: RE: Visualization Coordination Follow Up and Minutes.

MPO- Specific Questions-

1. Please confirm which presentation of the MPO grading we should use for vizualizations at Y10 is as presented in Figure 9 of the Reclamation and Closure Plan (RCP).
2. Please confirm which presentation of the MPO grading we should use for visualizations at Y20- should the MPO be shown as Figure 11 or Figure 12 of the RCP.
3. Please indicate what the geodatabase layer name is that will have the "composite of yearly reclamation areas" in the data provided by Tt.
4. SWCA understands that the MPO should show benches as the following: waste rock, as 100 ft running slopes for each bench and approximately 100 ft wide road/bench surface; and tailings as 50 ft benches and running surface; the attached KOP 12 image shows the output from the MPO with benches as submitted. Please confirm if this is what we should use for final grading.

From: Krizek, David [mailto:David.Krizek@tetrattech.com]

Sent: Tuesday, February 09, 2010 11:59 AM

To: Marcie Bidwell

Cc: Keepers, Ashley; Carrasco, Joel

Subject: RCC Viewshed analysis

Marcie,

This e-mail is being sent just to clarify the shapes we are using for our viewshed analysis.

Depending on the alternative, the various alternatives have been developed to three different stages. These stages are:

1. Raw Stage
2. Smoothed Stage
3. Advanced Stage

For the ultimate footprint, the following stages have been done:

1. Barrel and McCleary Alternative raw stage advanced design
2. MPO raw stage smoothed shape
3. Barrel Only Alternative raw stage
4. Sycamore Tailings and Barrel Waste Alternative raw stage
5. Scholefield Tailings and McCleary Waste Alternative raw stage

For the Year 10 footprint, the following stages have been done:

1. Barrel and McCleary Alternative raw stage
2. MPO raw stage
3. Barrel Only Alternative raw stage
4. Sycamore Tailings and Barrel Waste Alternative raw stage
5. Scholefield Tailings and McCleary Waste Alternative raw stage

For the viewshed analysis, we are just planning on using the raw stage for all (Barrel Only Alternative attached for example). The raw stage is the angular version used to determine volumes, etc. Otherwise it won't be an equal analysis.

Is this what you were anticipating?

Sincerely,

David Krizek | Principal

Main: 520-297-7723 | Mobile: 520-260-3490 | Fax: 520-297-7724

Tetra Tech

3031 West Ina Road | Tucson, AZ 85741 | [www.tetrattech.com](http://www.tetrattech.com) <<http://www.tetrattech.com/>>

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[attachment "Barrel Only\_raw shape.pdf" deleted by Debby Kriegel/R3/USDAFS] [attachment "11204\_KOP12\_PAb.jpg" deleted by Debby Kriegel/R3/USDAFS]

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| <b>Task 1. Management of the NEPA Process</b>                             |             |                              |                            |                      |                               |           |       |                               |
| 1.1 Weekly Project Status Meetings                                        |             | 99%                          | 43%                        | NA                   |                               |           |       |                               |
| 1.2 Proponent Status Meetings                                             |             | 99%                          | 43%                        | NA                   |                               |           |       |                               |
| 1.3 Monthly Process Milestone Management                                  |             | 90%                          | 43%                        | NA                   |                               |           |       |                               |
| 1.4 Other Meetings                                                        |             | 100%                         | Unknown                    |                      |                               |           |       |                               |
| <b>Task 1 NTE</b>                                                         |             |                              |                            |                      |                               |           |       |                               |
| <b>Task 2. Cooperating Agency Process and Interdisciplinary Team Lead</b> |             |                              |                            |                      |                               |           |       |                               |
| 2.1 Cooperating Agency Liaison                                            |             | 28%                          | 25%                        |                      |                               |           |       |                               |
| 2.2 Review of EIS for Forest Plan Consistency                             |             | 0%                           | 0%                         |                      |                               |           |       |                               |
| <b>Task 2 NTE</b>                                                         |             |                              |                            |                      |                               |           |       |                               |
| <b>Task 3. Management of Administrative Record</b>                        |             |                              |                            |                      |                               |           |       |                               |
| 3.1 Quarterly compilation of AR                                           |             | 97%                          | All comments scanned       |                      |                               |           |       |                               |
| 3.2 Response to FOIA Inquiries                                            |             | NA                           | NA                         | NA                   |                               |           |       |                               |
| <b>Task 3 NTE</b>                                                         |             |                              |                            |                      |                               |           |       |                               |
| <b>Task 4. Scoping Summary</b>                                            |             |                              |                            |                      |                               |           |       |                               |
| 4.1 Scoping Process and Quantitative Results                              |             | 99%                          | 95%                        | Feb-09               |                               |           |       |                               |
| 4.2 Content Analysis and Thematic Grouping of Issues                      |             | 99%                          | 95%                        | Feb-09               |                               |           |       |                               |
| 4.3 Issue Statements and Issues to be Analyzed in Detail                  |             | 99%                          | 85%                        | Feb-09               |                               |           |       |                               |
| <b>Task 4 NTE</b>                                                         |             |                              |                            |                      |                               |           |       |                               |
| <b>Task 5. Detailed Technical Reports to Address Significant Issues</b>   |             |                              |                            |                      |                               |           |       |                               |
| 5.1 Issue 1 Water Resources                                               |             | 41%                          | 15%                        |                      |                               |           |       |                               |
| 5.2 Issue 2. Visual Resources                                             |             | 26%                          | 25%                        | NA                   |                               |           |       |                               |
| 5.3 Issue 6. Biological Resources                                         |             | 30%                          | 65%                        | NA                   | May-09                        |           |       |                               |
| 5.4 Issue 7. Cultural Resources (inc. Ethnohistory Report)                |             | 75%                          | 75%                        | NA                   | Apr.2                         | NA        |       |                               |
| <b>Task 5 NTE</b>                                                         |             |                              |                            |                      |                               |           |       |                               |

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|  |                |                                       |                                  |                            | 1st<br>Draft                     | 2nd<br>Draft | Final |                                     |
|  |                |                                       |                                  |                            |                                  |              |       |                                     |

### TASK 6: EIS DOCUMENT

| <b>Task 6.1 Chapter 1 - Introduction and Purpose and Need</b> |  |             |             |               |          |          |               |  |
|---------------------------------------------------------------|--|-------------|-------------|---------------|----------|----------|---------------|--|
| 6.1.1 Introduction                                            |  | 8%          | 30%         | NA            |          |          |               |  |
| 6.1.2 Document Organization                                   |  | 8%          | 30%         | NA            |          |          |               |  |
| 6.1.3 Project History and Background                          |  | 8%          | 30%         |               |          |          |               |  |
| <b>6.1.4 Purpose &amp; Need for Action</b>                    |  | <b>100%</b> | <b>100%</b> | <b>Oct-08</b> | <b>-</b> | <b>-</b> | <b>Jan-09</b> |  |
| 6.1.5 Regulatory Framework and Authorizing Actions            |  | 8%          | 40%         | NA            |          |          |               |  |
| 6.1.6 Issues Raised During Scoping                            |  | 100%        | 90%         | NA            |          |          |               |  |
| 6.1.7 Interrelated Actions (Introduction & Past, Present,...) |  | 0%          | 0%          | NA            |          |          |               |  |
| Chapter 1 completed                                           |  | 8%          | 100%        | Apr-09        |          |          |               |  |
| <b>Task 6.1 NTE</b>                                           |  |             |             |               |          |          |               |  |

| <b>Task 6.2 Chapter 2 - Alternatives Development</b> |  |             |             |               |  |  |  |  |
|------------------------------------------------------|--|-------------|-------------|---------------|--|--|--|--|
| 6.2.1 No Action Alternative                          |  | 20%         | 50%         |               |  |  |  |  |
| <b>6.2.2 Proposed Action</b>                         |  | <b>100%</b> | <b>100%</b> | <b>Oct-08</b> |  |  |  |  |
| 6.2.3 Alternative 3                                  |  | 20%         | 20%         | NA            |  |  |  |  |
| 6.2.4 Alternative 4                                  |  | 20%         | 20%         | NA            |  |  |  |  |
| 6.2.5 Alternatives Eliminated                        |  | 355%        | 50%         | NA            |  |  |  |  |
| Alternatives                                         |  |             |             | NA            |  |  |  |  |
| Alternatives Analysis Completed                      |  | 50%         | 50%         | Mar-09        |  |  |  |  |
| <b>Task 6.2 NTE</b>                                  |  | <b>50%</b>  | <b>50%</b>  |               |  |  |  |  |

| <b>Task 6.3 Chapter 3 - Affected Environment</b> |  |     |     |        |  |  |  |  |
|--------------------------------------------------|--|-----|-----|--------|--|--|--|--|
| 6.3.1 Air Quality                                |  | 25% | 25% | Apr-09 |  |  |  |  |
| 6.3.2 Hydrology                                  |  | 25% | 25% |        |  |  |  |  |
| 6.3.3 Geology and Minerals                       |  | 25% | 25% | Apr-09 |  |  |  |  |
| 6.3.4 Soils & Reclamation                        |  | 25% | 25% | Apr-09 |  |  |  |  |
| 6.3.5 Biological Resources                       |  | 35% | 85% | Apr-09 |  |  |  |  |
| 6.3.6 Cultural Resources                         |  | 50% | 50% | Apr-09 |  |  |  |  |
| 6.3.7 Socioeconomics/EJ                          |  | 30% | 30% | Apr-09 |  |  |  |  |
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| 6.3.9 Transportation/Access                      |  | 25% | 25% | Apr-09 |  |  |  |  |
| 6.3.10 Recreation                                |  | 10% | 10% | Apr-09 |  |  |  |  |
| 6.3.11 Livestock and Grazing                     |  | 5%  | 5%  | Apr-09 |  |  |  |  |
| 6.3.12 Land Use and Wilderness                   |  | 5%  | 5%  | Apr-09 |  |  |  |  |
| 6.3.13 Noise                                     |  | 10% | 10% | Apr-09 |  |  |  |  |

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| 6.3.15 Hazardous Materials      |             | 0%                           | 0%                         | Apr-09               |                               |           |       |                               |
| 6.3.16 Public Health and Safety |             | 20%                          | 20%                        | Apr-09               |                               |           |       |                               |
| Chapter 3 AE Completed          |             | 15%                          | 15%                        | Apr-09               |                               |           |       |                               |
| <b>Task 6.3 NTE</b>             |             | 9%                           | 20%                        |                      |                               |           |       |                               |

| <b>Task 6.4 Chapter 3- Environmental Consequences</b>      |  |     |     |        |  |  |  |  |
|------------------------------------------------------------|--|-----|-----|--------|--|--|--|--|
| 6.4.1 Air Quality                                          |  | 25% | 25% | Aug-09 |  |  |  |  |
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| 6.4.10 Recreation                                          |  | 10% | 10% | Aug-09 |  |  |  |  |
| 6.4.11 Livestock and Grazing                               |  | 5%  | 5%  | Aug-09 |  |  |  |  |
| 6.4.12 Land Use and Wilderness                             |  | 5%  | 5%  | Aug-09 |  |  |  |  |
| 6.4.13 Noise                                               |  | 10% | 10% | Aug-09 |  |  |  |  |
| 6.4.14 Lighting                                            |  | 0%  | 0%  | Aug-09 |  |  |  |  |
| 6.4.15 Hazardous Materials                                 |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.16 Public Health and Safety                            |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.17 Monitoring and Mitigation                           |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.18 Unavoidable Adverse Effects                         |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.19 Short-term use/Long-term Prod.                      |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.20 Irreversible/ Irrecoverable Commitment of Resources |  | 20% | 20% | Aug-09 |  |  |  |  |
| Chapter 3 EC Completed                                     |  | 15% | 15% | Sep-09 |  |  |  |  |
| <b>Task 6.4 NTE</b>                                        |  |     |     |        |  |  |  |  |

| <b>Task 6.5 Chapters 4-9 and Appendices</b> |  |     |     |        |  |  |  |  |
|---------------------------------------------|--|-----|-----|--------|--|--|--|--|
| Chapter 4. Consultation & Coordination      |  | 10% | 10% | Sep-09 |  |  |  |  |
| Chapter 5. List of Preparers                |  |     |     | Oct-09 |  |  |  |  |
| Chapter 6. References                       |  |     |     | NA     |  |  |  |  |
| Chapter 7. Acronyms and Abbreviations       |  | 20% | 20% | NA     |  |  |  |  |
| Chapter 8. Glossary                         |  | 90% | 90% | NA     |  |  |  |  |
| Chapter 9. Index                            |  |     |     | NA     |  |  |  |  |
| <b>Task 6.5 NTE</b>                         |  | 39% | 40% |        |  |  |  |  |

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

# Monthly EIS Documentation Report Rosemont Copper Project EIS - 2009

|  | 2009 Budget | Percent 2009 Budget Expended | Estimated Percent Complete | MOU Deliverable Date | Date Delivered to CNF by SWCA |           |       | CNF Final Review & Acceptance |
|--|-------------|------------------------------|----------------------------|----------------------|-------------------------------|-----------|-------|-------------------------------|
|  |             |                              |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |
|  |             |                              |                            |                      |                               |           |       |                               |

| <b>Task 7. Compilation and Formatting of the DEIS</b> |  |    |    |        |  |  |  |  |
|-------------------------------------------------------|--|----|----|--------|--|--|--|--|
| 7.1 Administrative DEIS                               |  | 6% | 6% | Nov-09 |  |  |  |  |
| 7.2 Team Review of Admin. DEIS                        |  |    |    |        |  |  |  |  |
| 7.3 Development of the DEIS                           |  |    |    |        |  |  |  |  |
| <b>Task 7 NTE</b>                                     |  | 8% | 6% |        |  |  |  |  |
| <b>Total 2009 NTE</b>                                 |  |    |    |        |  |  |  |  |
|                                                       |  |    |    |        |  |  |  |  |

| <b>Task 8: CNF Out-of-Scope Requests</b> | 2009 Budget | Percent 2009 Budget | Estimated Percent Complete | MOU Deliverable Date | Date Delivered to CNF by SWCA |           |       | CNF Final Review & Acceptance |
|------------------------------------------|-------------|---------------------|----------------------------|----------------------|-------------------------------|-----------|-------|-------------------------------|
|                                          |             |                     |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
| <b>Task 8 Cumulative Cost</b>            |             |                     |                            |                      |                               |           |       |                               |

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri May 29 2009 16:45:58 EDT  
**To:** "sturgess jamie" <jsturgess@augustaresource.com>; "kathy arnold" <karnold@rosemontcopper.com>; "reta laford" <rlafor@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "brian lindenlaub" <blindenlaub@westlandresources.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Copy of Monthly Tracking Sheet process rev\_052909\_TF.xls  
**Attachments:** Copy of Monthly Tracking Sheet process rev\_052909\_TF.xls

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Attached is the monthly tracking sheet that was distributed during this mornings meeting.

Tom Furgason - Copy of Monthly Tracking Sheet process rev\_052909\_TF.xls

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Jun 02 2009 16:12:09 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** Pending from Westland  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

I just spoke with our two Biologists that have been working on Rosemont. Apparently, they have been waiting for Westland to send us the PPC Addendum for about 5-6 weeks. Ken Kertell has been including Jim Tress (owner of Westland) on his repeated requests to no avail. Also, the Biological Resources & Mitigation Concepts report of 2007 that was cited in the MPO was never meant to be distributed, per Brian Lindenlaub. They will not furnish our Biologists this report. Besides our Biologists' preference for the report, the Project Record will need to include all references cited in documents- including the MPO.

If Westland's owner is already aware of the situation, I'm not sure what else SWCA can do in order to obtain these reports in a timely manner. As it is, our BA was drafted without the section that needs input from the PPC Addendum. Unfortunately, Westland has routinely made delivery promises and missed them. Now that their long delays are beginning to affect our timelines, I am asking you for guidance or help with this situation.

I look forward to hearing your thoughts.

Thanks for your time!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

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"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

RE: information on permitting for mining on private land

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Fri May 01 2009 15:06:20 EDT  
**To:** "charles coyle" <ccoyle@swca.com>; "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: information on permitting for mining on private land  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thank you for noting this. I suspect that I why I have never received emails that were sent to the IDT.

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Charles Coyle  
Sent: Friday, May 01, 2009 11:58 AM  
To: Beverley A Everson  
Cc: Melissa Reichard  
Subject: FW: information on permitting for mining on private land

Hi Bev,

I noticed just now that Melissa's email address was misspelled in what you sent. Should be mreichard@swca.com not mriechard.

Charles

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Friday, May 01, 2009 11:46 AM  
To: Alan Belauskas; Andrea W Campbell; Arthur S Elek; Charles Coyle; Christopher C LeBlanc; Debby Kriegel; Deborah K Sebesta; Eli Curiel; George McKay; Heidi Schewel; Janet Jones; John Able; Keith L Graves; Kendall Brown; Kent C Ellett; Larry Jones; Mary M Farrell; mriechard@SWCA.com; Reta Laford; Robert Lefevre; Salek Shafiqullah; Sarah L Davis; Tami Emmett; Teresa Ann Ciapusci; Tom Furgason; Walter Keyes; William B Gillespie; Kent C Ellett; Jeanine Derby; Reta Laford

RE: information on permitting for mining on private land

Subject: information on permitting for mining on private land

Please see the list below, from Tonto NF Geologist Karyn Harbour. Karyn has "tons" of experience with copper operations, and this looks like some great information to keep on hand .

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 05/01/2009 11:39 AM -----

Karyn B Harbour/R3/USDAFS

04/30/2009 05:07 PM

To

GarySchiff/WO/USDAFS@FSNOTES

cc

Michael A Linden/R3/USDAFS@FSNOTES

Subject

More info

Gary, per our phone discussion today here's some additional information you requested ( this list does not include hazardous material and solid waste disposal permit requirements) - - Good Luck !

KarynB.Harbour  
Minerals Administrator / ForestGeologist  
TontoNational Forest  
2324 E. McDowell Road  
Phoenix, AZ 85006  
602.225-5272  
602.225-5295 Fax  
kharbour@fs.fed.us

**From:** "jerome hesse" <jhesse@swca.com>  
**Sent:** Thu May 14 2009 16:31:10 EDT  
**To:** "mary farrell" <mollyofarrell@gmail.com>; "suzanne griset" <sgriset@swca.com>  
**CC:** "tom furgason" <tfurgason@swca.com>; "william b gillespie" <wgillespie@fs.fed.us>; <beverson@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Rosemont Archaeological Report CDs  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Mary,

The CDs are done (20 copies). If it works for you, Melissa can drop them off tomorrow. If you need them today, just let me know.

Thanks,

Jerome

From: mary farrell [mailto:mollyofarrell@gmail.com]  
Sent: Thursday, May 14, 2009 8:58 AM  
To: Suzanne Griset  
Cc: Tom Furgason; William B Gillespie; beverson@fs.fed.us; Jerome Hesse  
Subject: Re: FS budget speculation

Suzanne,

hope your trip is going well. Haven't finished reading the entire draft Rosemont archaeology report, but I've read enough to feel comfortable sending it out to tribes. Do you remember if we decided at our mtg how many CD's we need? Talked to Jerome this a.m. and he thinks if we did, you'd know! If we didn't already discuss this, I'd say 13 -- one for each tribe's cultural resource staff plus an extra for Ramon Riley, who's at a different office from Mark Altaha.

Jerome also asked if we should send it to other agencies at this point. Seems appropriate to me to send it to BLM, SHPO, & Linda Mayro at Pima county, but let me double-check with Bill Gillespie first. Jerome: anyone else who should receive the draft at this time?

I will start drafting cover letters to tribes, clarifying that this is a draft that FS is still reviewing, but that we wanted them to have plenty of time to review it, and that the document may be helpful in formulating their official comments, which we'd like by xxx date.

Sorry it took me longer than I expected -- my son has been going through some rough health issues lately and i've been taking a lot of time off to help him.

Mary Farrell

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Mon May 04 2009 19:06:37 EDT  
**To:** ""beverley a everson" <beverson@fs.fed.us>; <karnold@rosemontcopper.com>  
**CC:** ""debby kriegel" <dkriegel@fs.fed.us>; <mbidwell@swca.com>  
**Subject:** RE: Fw: Landscape Architects and Reclamation Team  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Thanks Bev; see you on Thursday.

Dale

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Monday, May 04, 2009 3:01 PM  
To: karnold@rosemontcopper.com; daleortmanpe@live.com  
Cc: Debby Kriegel; mbidwell@swca.com  
Subject: Re: Fw: Landscape Architects and Reclamation Team

I have 6V6 reserved all day on May 7. Let's plan on starting at 9:00. Does anyone have a feel for how much time we'll need?

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Debby Kriegel/R3/USDAFS

05/01/2009 12:10 PM

RE: Fw: Landscape Architects and Reclamation Team

To

Beverley A Everson/R3/USDAFS@FSNOTES

cc

mbidwell@swca.com, Debby Kriegel/R3/USDAFS@FSNOTES

Subject

Re: Fw: Landscape Architects and Reclamation TeamLink

Thursday is probably best. Marcie and I are available that day. We need to know the time and location. Will you respond to Kathy and let us know?

Beverley A Everson/R3/USDAFS

04/30/2009 09:11 AM

To

Debby Kriegel/R3/USDAFS@FSNOTES

cc

Subject

Fw: Landscape Architects and Reclamation Team

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 04/30/2009 09:11 AM -----

Kathy Arnold <karnold@rosemontcopper.com>

04/29/2009 04:02 PM

To

Beverley A Everson <beverson@fs.fed.us>

cc

Reta Laford <rlaford@fs.fed.us>, Dale Ortman PE <daleortmanpe@live.com>, Tom Furgason  
<tfurgason@swca.com>

Subject

Landscape Architects and Reclamation Team

Bev –

I would like to work through Dale and set up a technical team meeting between the Reclamation Team and your landscape architects. I understand the SWCA specialist will be in town next week on Thursday or Friday and may have some time to sit down with our reclamation team to discuss expectations and see the direction our team is heading. I am particularly interested to make sure our group is aware of the concerns that your review team has. Please let me know if your group would be interested in such a meeting and pick a day and time – May 7th or 8th and I will make our specialists available.

As I think I mentioned, we are just getting started “tweaking” our reclamation plan so we won’t have anything to present as such and would be more interested in hearing concerns.

Regards,

Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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From: [msm@msm.com](mailto:msm@msm.com)  
Sent: Friday, 12 April 2013 11:52 AM  
To: [msm@msm.com](mailto:msm@msm.com)  
CC: [msm@msm.com](mailto:msm@msm.com)

Subject: [msm@msm.com](mailto:msm@msm.com)

Priority: Normal

Importance: Normal

Here's something on Microsoft Copilot Project EIS that I'd like you to see

It's an article in the book "The Microsoft Project EIS" that you can find at <http://www.microsoft.com/press/pr/2013/04/12/041213eisa.htm>

and members of the book signed on the site, or visit it yourself in the copy

book.

<https://www.microsoft.com/press/pr/2013/04/12/041213eisa.htm>

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Fri May 15 2009 12:58:51 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "mark e schwab" <mschwab@fs.fed.us>; "michael a linden" <mlinden@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** Rosemont- Dry stack tailings ppts  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Gentlemen-

These files are much too large to email. I can either post them to an ftp site or send a CD with the files. Please let me know what you would prefer. I will also need your mailing addresses.

Thank you for your patience!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

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From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, May 14, 2009 6:06 PM  
To: Melissa Reichard; Mark E Schwab; Michael A Linden  
Subject: Dry stack tailings ppts

Melissa, could you please send copies of the powerpoint presentations from Tuesday to Mark Schwab and Mike Linden? Thank you.

Mike and Mark, the presentations were given by Derek Wittwer and John Lupo of AMEC in Elko and in Englewood, Co. Derek's at 775.778.3200, and John is at 303.433.0262, in case you have questions about the powerpoints.

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed May 06 2009 17:10:16 EDT  
**To:** daleortmanpe@live.com  
**CC:**  
**Subject:** Fw: dry stack tailings technology presentation, May 12  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Dale,

Note the scheduling for the two parts to this presentation. Thanks again for some excellent discussion on the subject yesterday.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 05/06/2009 02:09 PM -----

Beverley A Everson/R3/USDAFS  
05/06/2009 02:07 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Alan Belauskas/R3/USDAFS@FSNOTES, Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com, Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES, Heidi Schewel/R3/USDAFS@FSNOTES, Janet Jones/R3/USDAFS@FSNOTES, John Able/R3/USDAFS@FSNOTES, Keith L Graves/R3/USDAFS@FSNOTES, Kendall Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mreichard@SWCA.com, Reta Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, Salek Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami Emmett/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Reta Laford/R3/USDAFS@FSNOTES  
Subject  
dry stack tailings technology presentation, May 12

There will be a presentation by Rosemont consultants on dry stack tailings technology in 1K on the 12th. The presentation is being broken into two parts, to accomodate folks with technical background in this area, and those without that kind of expertise. The more technical presentation is from 9:00 to 12:00, and the other presentation at 1:00, for approximately one half hour.

Although this is not a scheduled IDT meeting, I strongly encourage attendance, to facilitate everyone's understanding of the proposed operation.

Hope to see you there.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Fri May 15 2009 17:52:26 EDT  
**To:** "charles coyle" <ccoyle@swca.com>; "tom furgason" <tfurgason@swca.com>  
**CC:** <tciapusci@fs.fed.us>; <rlaford@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**Subject:** Rosemont discussions today-Cooperators, Website & Assignments  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I stopped by the Forest Service this morning to deliver the Arch Survey CDs to Mary. While I was there, I went to see TA today to give her copies of things from one of the Cooperating Agency records that she requested. We began speaking about the website postings and Reta passed by and got pulled into the conversation. Here is an overview of our conversation:

Cooperating Agency website postings will be a storybook of the meeting in one pdf that includes:

Agenda

Explanation letter: listing of invitees and attendees with an explanation of what happened at the meeting

Presentations

Handouts: These include a heading that includes the agenda topic and purpose

**\*\*All pages will have a footer that states "Draft Work Product- Intended for Deliberative Use Only" and the page # of #\*\***

These packages will meet prior approval before they are given to John- the exact process is still being figured out.

I was asked to create a template for the handouts as well as the Explanation letter.

I was also asked to draft the Explanation for the 12th and 13th meetings.

Reta also requested that, in her absence next week, we begin putting similar packages together for all of the scoping meetings as well.

I copied all of the ladies in case they had any revisions or additions.

Teresa Ann and I have a meeting scheduled Tuesday after our PM mtg to go over drafts.

Let me know any thoughts or questions that you might have.

Thanks!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

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Tucson, Arizona 85701

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**From:** "brian lindenlaub" <blindenlaub@westlandresources.com>  
**Sent:** Tue Feb 12 2008 12:23:14 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** <karnold@augustaresource.com>  
**Subject:** Rosemont Drilling Plan BA/E  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I just wanted to let you know that I spoke with Debbie Sebesta regarding the BA/E for the Rosemont drilling program plan of operations. Debbie indicated that the plan had a lot of relevant information in it, and that she was working on the BA/E and would have it completed by the end of the week. As such, we do not currently intend to submit a BA/E, but will support Debbie fully in her efforts.

Just wanted to keep you in the loop.

Regards,

Brian Lindenlaub | Senior Project Manager

WestLand Resources, Inc.

4001 E Paradise Falls Drive | Tucson, AZ85712

Office: (520) 206-9585 | Fax: (520) 206-9518

Another request from Rosemont

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Mon May 18 2009 13:27:22 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>; "ken kertell" <kkertell@swca.com>  
**Subject:** Another request from Rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

Just a reminder- we are still waiting for the "Biological Resources & Mitigation Concepts" by Westland 2007 that was referenced in the MPO that we requested a little while back. Could you check in on that as well?

Big Thanks!

Melissa Reichard

Project Administrator

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Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon May 18 2009 12:39:23 EDT  
**To:** "lara mitchell" <lmitchell@swca.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "debby kriegel" <dkriegel@fs.fed.us>; "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: Rosemont Base Maps for Wednesday's Mapping Exercise  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Lara,

Debby Kriegel, the CNF Landscape Architect, will be coming over at 12:30 tomorrow to work on graphics for the Rosemont Alternatives Assessment. I'll be out of the office, but I have given Melissa direction. Also, please review Debby's email below. Please call Melissa first thing in the morning if you are still sick and she'll let everybody know. Thanks.

Tom

From: Debby Kriegel [mailto:dkriegel@fs.fed.us]  
Sent: Monday, May 11, 2009 2:13 PM  
To: Melissa Reichard; Tom Furgason  
Cc: Beverley A Everson; Debby Kriegel  
Subject: Rosemont Base Maps for Wednesday's Mapping Exercise

I've been thinking a little about the base maps for Wednesday. In order for us to easily draw resource issues and ideas on these maps in various colors, and have some meaningful results to discuss, I think it might be best if they met the following:

Paper size: About 48" x 60" (showing an area approx. 10-12 miles N/S and 8-9 miles E/W, a bit beyond the forest boundary and including everything north of Box Canyon Rd.). Could be bigger...I don't recommend anything smaller.

Colors: All black & white (so our colored markers show up well)

Data to show on maps:

USGS quad map or reference points: forest boundary, private lands, sections, roads, trails, drainages, peaks, springs/tanks  
A 3-D background, screened so it doesn't dominate the image but helps us recognize landforms (canyons, etc.)

The pit boundary

Do not show other features proposed by Rosemont (or if you think these ought to be on the map, make them very subtle/faint).

Print 3 copies minimum.



"Melissa Reichard" <mreichard@swca.com>

05/18/2009 09:59 AM

To

"Terry L Austin" <tlaustin@fs.fed.us>

cc

<tciapusci@fs.fed.us>

Subject

RE: spreadsheet of CoronadoNFcorporate data

Terry-  
These look great! Please burn all of these layers to a DVD for me.

TA-  
Terry has layers that were provided by other agencies (i.e. AZFWS- T&E areas). Can you provide those layers to us as well considering that this is your project that you are asking us to work on?

Please let me know when I can pick up this DVD. Thanks for your time!

Melissa Reichard  
Project Administrator  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701



Need for updated information

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Mon May 18 2009 13:07:22 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "tom furgason" <tfurgason@swca.com>; "ken kertell" <kkertell@swca.com>  
**Subject:** Need for updated information  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

The information below is from MPO Table 1. Kathy Arnold has spoken a few times about boundaries getting clarification and acreage totals changing. Could you please request an updated chart ASAP. Our Biologist needs this information for our BA.

Thank you for your help!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

Table 2-1. Anticipated Project Disturbance (Acres)

Disturbance Category

Private Lands

CNF Surface Ownership

BLM Lands

State Trust Lands

Other Private

Total

Primary access road

10

65

0

0

0

75

Plant site

40

240

0

0

0

280

Tailings/waste rock/leach pad

235

2,660

0

0

0

2,895

Pit

590

360

0

0

0

950

West access road and utility corridor

0

5

15

75

120

215

Total

875

3,330

15

75

120

4,415

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Mon May 18 2009 15:17:44 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** deborah k sebesta/r3/usdafs@fsnotes;walter keyes/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;arthur s elek/r3/usdafs@fsnotes  
**Subject:** Fw: More Tech Reports!  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

There have been a bunch of new reports lately, and most are very large and very technical. I'm not sure how the other IDT members are dealing with these, but if they're like me, they're frustrated because there are not enough hours in the day to review them much and/or there's so much information that it's overwhelming.

Do you or Tom (or anyone with the FS or SWCA) read every page of these reports? If so, is there a chance at an upcoming meeting someone could give the team an overview of each report so we'd learn a little about them and also know whether it's worth our time to delve into them?

----- Forwarded by Debby Kriegel/R3/USDAFS on 05/18/2009 10:56 AM -----

Melissa Reichard <mreichard@swca.com>  
Sent by: rosemonteis <notify@weboffice.com>  
05/14/2009 04:19 PM

To  
sldavis@fs.fed.us, gmckay@fs.fed.us, ehornung@swca.com, sgriset@swca.com, tfurgason@swca.com, rbowers@swca.com, mjfitch@fs.fed.us, tciapusci@fs.fed.us, awcampbell@fs.fed.us, beverson@fs.fed.us, jable@fs.fed.us, kbrown03@fs.fed.us, jhesse@swca.com, klgraves@fs.fed.us, aelek@fs.fed.us, wgillespie@fs.fed.us, hschewel@fs.fed.us, ccoyle@swca.com, jderby@fs.fed.us, mfarrell@fs.fed.us, khouser@swca.com, wkeyes@fs.fed.us, dkriegel@fs.fed.us, sshafiqullah@fs.fed.us, jgrams@swca.com, temmett@fs.fed.us, gsoroka@swca.com, ccleblanc@fs.fed.us, ecuriel@fs.fed.us, ljones02@fs.fed.us, kpohs@swca.com, hhall@swca.com, mbidwell@swca.com, rellis@swca.com, jconnell@swca.com, rmraley@fs.fed.us, dkeane@swca.com, mroth@fs.fed.us, daleortmanpe@live.com, kellett@fs.fed.us, lcgarratt77@msn.com, devinquintana@fs.fed.us, rlaford@fs.fed.us, rlefevre@fs.fed.us, abelauskas@fs.fed.us, kkertell@swca.com, mreichard@swca.com, bgaddis@swca.com, kserrato@swca.com, dsebesta@fs.fed.us, cbellavia@swca.com  
cc

Subject  
More Tech Reports!

Here's something on Rosemont Copper Project EIS that I'd like you to see.

Fw: More Tech Reports!

To go directly to the item, click the link below or paste it into your web browser. Please note that some email clients require that all the letters and numbers in the link appear on one line, or else it won't go to the right place.

<https://rosemonteis.webexone.com/r.asp?a=3&id=10226>

RE: Another request from Rosemont

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Mon May 18 2009 19:02:07 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "ken kertell" <kkertell@swca.com>; "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** RE: Another request from Rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Thanks for the follow up!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Monday, May 18, 2009 4:00 PM  
To: Melissa Reichard  
Subject: Fw: Another request from Rosemont

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 05/18/2009 04:00 PM -----

Brian Lindenlaub <blindenlaub@westlandresources.com>

05/18/2009 01:38 PM

RE: Another request from Rosemont

To

'Kathy Arnold' <karnold@rosemontcopper.com>, Beverley A Everson <beverson@fs.fed.us>, Jamie Sturgess <jsturgess@augustaresource.com>

cc

Subject

RE: Another request from Rosemont

All,

The PPC addendum is in final review and should be able to go out tomorrow. The other biological document will go out by the end of the week.

Regards,  
Brian Lindenlaub | Principal  
WestLand Resources, Inc.

From: Kathy Arnold [mailto:karnold@rosemontcopper.com]  
Sent: Monday, May 18, 2009 1:14 PM  
To: Beverley A Everson  
Cc: Brian Lindenlaub; Jamie Sturgess  
Subject: RE: Another request from Rosemont

Bev –

RE: Another request from Rosemont

Brian spoke with Ken (?) at SWCA about the document referenced. I think the report was supposed to be delivered to SWCA.

Brian –  
Can you please let me know the status?

Kathy

Kathy Arnold|Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box35130 | Tucson, AZ 85740-5130  
3031 West Ina Road| Tucson, AZ85741 | www.rosemontcopper.com

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From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Monday, May 18, 2009 12:56 PM  
To: Kathy Arnold  
Subject: Fw: Another request from Rosemont

Another request from SWCA.

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 05/18/2009 12:55 PM -----

"Melissa Reichard" <mreichard@swca.com>

05/18/2009 11:08 AM

To

"Beverley A Everson" <beverson@fs.fed.us>

cc

"Charles Coyle" <ccoyle@swca.com>, "Tom Furgason" <tfurgason@swca.com>, "Ken Kertell" <kkertell@swca.com>

Subject

FW: Another request from Rosemont

Bev-

Actually, I was just told that our Biologist has been waiting for an addendum to the PPC report for three weeks as well. Could you add that to your list please? Please let me know if there is something I can do to help get these documents rolling.

Thanks Again!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Melissa Reichard  
Sent: Monday, May 18, 2009 10:27 AM  
To: Beverley A Everson  
Cc: Tom Furgason; Charles Coyle; Ken Kertell  
Subject: Another request from Rosemont

Bev-

Just a reminder- we are still waiting for the "Biological Resources & Mitigation Concepts" by Westland 2007 that was referenced in the MPO that we requested a little while back. Could you check in on that as well?

Big Thanks!

Melissa Reichard  
Project Administrator  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
(520)325-9194, (520)325-2033 fax

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**From:** roxane m raley/r3/usdafs;nsf;rmraley@fs.fed.us;smtp  
**Sent:** Fri May 08 2009 13:22:14 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** teresa ann ciapusci/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**Subject:** Fw: Bobcat on Davidson Canyon Hike 05.06.09  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Bev,

I do not know if this should be converted to pdf and added to the Rosemont file on the J drive for the Administrative or Project record.

Please let me know.

Thank you,

Roxane Raley

----- Forwarded by Roxane M Raley/R3/USDAFS on 05/08/2009 10:16 AM -----

dslaschiava@comcast.net  
05/07/2009 01:34 PM

To  
"Reichard, Melissa" <mreichard@swca.com>  
CC  
"Cook, C" <Ccook520@aol.com>, ROSEMONT MINE <comments-southwestern-coronado@fs.fed.us>, "Giffords, Representative Gabrielle" <az08ima@mail.house.gov>, Liz <wizzlizzy@aol.com>, COYOTES <coyotes@cox.net>, "hartmann, gayle" <gayleh@theriver.com>, Jim <hiltonroad@msn.com>, Lainie <lainiel@comcast.net>, County Administrator Chuck Huckelberry <cch@pima.gov>, Chairman Richard Elias <district5@pima.gov>, Sharon Bronson <district3@pima.gov >, Ray Carroll <district4@pima.gov>, Ramon Valadez <district2@pima.gov>, Ann Day <district1@pima.gov>  
Subject  
Fwd: Bobcat on Davidson Canyon Hike 05.06.09

Good Afternoon Melissa,

Please see the attached awesome news item regarding a Bobcat being seen on a hike in the Davidson Canyon area. At one of the many NEPA scoping meetings that I had attended I was informed by one of your associates specializing in biology when I

expressed concern about the negative impact on wildlife that the proposed Rosemont Mine would have that I should definitely report to SWCA any spotting of any Bobcats which is the purpose of my communication today.

Please relate this vital information to the appropriate parties. Thank you.

Dona Sue LaSchiava  
Tucson, AZ 85741

----- Forwarded Message -----

From: Ccook520@aol.com

To: WizzLizzy@aol.com, dsLaschiava@comcast.net

Sent: Thursday, May 7, 2009 8:59:18 AM GMT -07:00 U.S. Mountain Time (Arizona)

Subject: Bobcat on Davidson Canyon Hike 05.06.09

Remember Mom this Mother's Day! Find a florist near you now.

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon May 18 2009 21:07:51 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
andrea w campbell/r3/usdafs@fsnotes;arthur s elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c  
leblanc/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli  
curiel/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnote;john  
able/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c ellett/r3/usdafs@fsnotes;larry  
**CC:** jones/r3/usdafs@fsnotes;marc kaplan/r3/usdafs@fsnotes;mary m  
farrell/r3/usdafs@fsnotes;mreichard@swca.com;reta laford/r3/usdafs@fsnotes;robert  
lefevre/r3/usdafs@fsnotes;s@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;tfurgason@swca.com;walter keyes/r3/usdafs@fsnotes;william b  
gillespie/r3/usdafs@fsnotes  
**Subject:** IDT Meeting on Wednesday  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

This is to confirm that the core team will be meeting on Wednesday, from 9:00 to 4:30. We'll be meeting in 6V6. We will be doing further brainstorming on alternative development in the morning, and will spend the afternoon finalizing draft alternatives and mitigation.

Extended team members are welcome to attend.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**May 5, 2009, SWCA Environmental Consultants/  
Coronado National Forest Rosemont Oversight  
Meeting Agenda**

**Location:** Conference call, 866-866-2244, participant code 9550668#

**Attendees:** Forest Service: Teresa Ann Ciapusci, Bev Everson, John Able, SWCA: Tom Furgason, Melissa Reichard, Charles Coyle, Dale Ortman

**Agenda:**

Web update

Administrative record update

Cooperating agencies status

May 19 IDT meeting/ alternative development scheduling

Other business

Agenda for tomorrow, meeting at 9:30

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon May 18 2009 20:41:52 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** ccoyle@swca.com;john  
able/r3/usdafs@fsnotes;mreichard@swca.com;tfurgason@swca.com;daleortmanpe@live.com  
**Subject:** Agenda for tomorrow, meeting at 9:30  
**Attachments:** May 19, 2009 Mtg. Agenda.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Fri May 22 2009 12:25:59 EDT  
**To:** <karnold@rosemontcopper.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** Presentation from last week  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Kathy-

I thought that I had managed to get your presentation on my thumb drive last week but apparently not. Could you please send that to me asap? I have assignments due to the IDT that need to integrate some of that information.

I hope you have a nice extended weekend. Thanks for your help!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

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**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Fri Dec 03 2010 13:45:28 EST  
**To:** tjchute@msn.com;tfurgason@swca.com;jrigg@swca.com;beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** GOOD NEWS re: Army Corps and range of alternatives  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Reta had a conf call with Marjorie (and others?) yesterday pm. The Corps accepts that the "near off-site" alternatives are not practicable because of exploration costs. THE SET OF ALTERNATIVES WE HAVE NOW IS THE FINAL SET. Mitigation lands is now being discussed, with the desire to include more detail on this in the DEIS.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Jun 02 2009 16:30:52 EDT  
**To:** "larry jones" <ljones02@fs.fed.us>  
"deborah k sebesta" <dsebesta@fs.fed.us>; "geoff soroka" <gsoroka@swca.com>; "tom furgason"  
**CC:** <tfurgason@swca.com>; "beverley a everson" <beverson@fs.fed.us>; "ken kertell" <kkertell@swca.com>; "charles  
coyle" <ccoyle@swca.com>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**Subject:** Rosemont Talussnail request  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Larry-

Thank you for bringing this to my attention. I am ccing a few people because I have not heard any request for a report for the Talussnail.

Bev/Tom-

Do you know anything about this? Is there anything I can do to help follow-up on Larry's request?

Thanks!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Larry Jones [mailto:ljones02@fs.fed.us]  
Sent: Tuesday, June 02, 2009 1:19 PM  
To: Melissa Reichard  
Cc: Deborah K Sebesta; Geoff Soroka  
Subject: Re: New Tech Reports!

Hey Melissa...have you heard anything regarding a Rosemont Talussnail Technical report from WestLand? At the tech transfer meeting quite some time ago at NAFRI, WestLand stated that the Rosemont Talussnail is not a valid taxon, but we need to see some sort of evidence and probably a peer-reviewed publication that supports that claim. As you can see from the link, the Federal standard for taxonomy (ITIS, but also NatureServe) recognizes said taxon as valid. Also, SWCA folks were wondering if more surveys are needed (which we figured was pending the findings in this report) and Fish and Wildlife Service was wanting a

report for their species status assessment. Also, this is a Species-of-Concern in the plan revision process I am working on, so it is pertinent there, also.

<http://www.itis.gov/servlet/SingleRpt/SingleRpt>

Larry Jones  
Wildlife, Fish, and Rare Plants  
Coronado National Forest  
300 W Congress  
Tucson, AZ85701

520-388-8375  
ljones02@fs.fed.us

Melissa Reichard <mreichard@swca.com>  
Sent by: rosemonteis <notify@weboffice.com>

04/28/2009 03:33 PM

To

dmorrow@swca.com, sldavis@fs.fed.us, gmckay@fs.fed.us, ehornung@swca.com, sgriset@swca.com, tfurgason@swca.com, rbowers@swca.com, mjfitch@fs.fed.us, jezzo@swca.com, tciapusci@fs.fed.us, awcampbell@fs.fed.us, beverson@fs.fed.us, jable@fs.fed.us, kbrown03@fs.fed.us, teuler@swca.com, aelek@fs.fed.us, wgillespie@fs.fed.us, hschewel@fs.fed.us, ccoyle@swca.com, jderby@fs.fed.us, mfarrell@fs.fed.us, khouser@swca.com, wkeyes@fs.fed.us, dkriegel@fs.fed.us, sshafiqullah@fs.fed.us, jgrams@swca.com, temmett@fs.fed.us, gsoroka@swca.com, ccleblanc@fs.fed.us, ecuriel@fs.fed.us, ljones02@fs.fed.us, kpohs@swca.com, hhall@swca.com, mbidwell@swca.com, rellis@swca.com, jconnell@swca.com, rmraley@fs.fed.us, dkeane@swca.com, klgraves@fs.fed.us, daleortmanpe@live.com, kellest@fs.fed.us, lcgarrrett77@msn.com, devinquintana@fs.fed.us, rlaford@fs.fed.us, rlefevre@fs.fed.us, abelauskas@fs.fed.us, mreichard@swca.com, bgaddis@swca.com, kserrato@swca.com, dsebesta@fs.fed.us, cbellavia@swca.com

cc

Subject

New Tech Reports!

Here's something on Rosemont Copper Project EIS that I'd like you to see. To go directly to the item, click the link below or paste it into your web browser. Please note that some email clients require that all the letters and numbers in the link appear on one line, or else it won't go to the right place.

<https://rosemonteis.webexone.com/r.asp?a=3&id=10213>

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Wed May 27 2009 17:03:30 EDT  
**To:** "usda forest service, roger congdon" <rcongdon@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>; "beverley a everson" <beverson@fs.fed.us>  
**Subject:** Technical Reports- Rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Roger-

Per Bev's request, I have uploaded the technical reports for Geology, Water and Tailings to our client workspace. This is how you can access it:

Go to [www.swca.com](http://www.swca.com)

Click on "Login" in the top right corner

Make sure that "Client Workspace Access" is selected

Login: CNF

Pswd: coronado

Click on the "Rosemont" folder

This should bring you to the files. Please let me know if you have any issues.

Thanks!

Melissa Reichard  
Project Administrator  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
(520)325-9194, (520)325-2033 fax

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request to make to G and F

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Jun 02 2009 20:58:34 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** request to make to G and F  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 06/02/2009 05:58 PM -----

"Melissa Reichard" <mreichard@swca.com>  
05/18/2009 11:27 AM

To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>  
cc  
"Beverley A Everson" <beverson@fs.fed.us>  
Subject  
RE: FW: spreadsheet of Coronado NF corporate data

If they have already given it to you as an agency- just not for this project in particular- can we still use what you already have?

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Teresa Ann Ciapusci [mailto:tciapusci@fs.fed.us]  
Sent: Monday, May 18, 2009 11:08 AM  
To: Melissa Reichard  
Cc: Beverley A Everson  
Subject: Re: FW: spreadsheet of Coronado NF corporate data

AZGF has not yet completed its cooperating agency MOU and their current time projection is that it they

request to make to G and F

are still a couple of months away from final signatures; therefore, I cannot officially request they send you data. You could ask Bev to call as IDT Leader and make the request in the "spirit of interagency cooperation", but if AZGF refuses there will be no remedy until an MOU is executed. Once an MOU is in place, I can make these types of data requests as the Cooperating Agency Liaison.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

"Melissa Reichard" <mreichard@swca.com>  
05/18/2009 10:22 AM

To  
<tciapusci@fs.fed.us>  
cc  
"Tom Furgason" <tfurgason@swca.com>, "Charles Coyle" <ccoyle@swca.com>, "Beverley A Everson"  
<beverson@fs.fed.us>  
Subject  
FW: spreadsheet of Coronado NF corporate data

TA-  
Should I contact them directly for this? Or how can I get this data for our GIS specialist?  
Thanks!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Terry L Austin [mailto:tlaustin@fs.fed.us]  
Sent: Monday, May 18, 2009 10:18 AM  
To: Melissa Reichard  
Subject: RE: spreadsheet of Coronado NF corporate data

I'll burn the CD now & call you when ready. I can't provide data from other agencies. Arizona Game & Fish here in Tucson sent me the TES data. A contct name would be Joan Scott-388-4447





**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Aug 23 2010 18:56:29 EDT  
**To:** reta laford/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;tjchute@msn.com  
**CC:**  
**Subject:** Fw: Elements Common / Mitigation: Loose Ends  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Reta,

Can you please help me with the second item on Terry's list, below? I don't recall the letter from Rosemont, don't have a copy, and don't know who would have responded. I have searched CDB and was unable to find the response letter. Do you remember who wrote it for you?

FYI, Mindee has a call in to SWCA (Melissa) to see if either the incoming June 18 letter or our response is in the record.

Thank you,

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/23/2010 03:52 PM -----

"Terry Chute" <tjchute@msn.com>  
08/23/2010 11:05 AM

To  
"Tom Furgason" <tfurgason@swca.com>, "Reta Laford" <rlafor@fs.fed.us>, "Katherine Arnold" <karnold@rosemontcopper.com>, "Beverley A Everson" <beverson@fs.fed.us>, "Melinda D Roth" <mroth@fs.fed.us>, "Jonathan Rigg" <jrigg@swca.com>  
cc

Subject  
Elements Common / Mitigation: Loose Ends

I've made most of the edits we agreed to last week to the Elements Common section that will go into Chapter 2. Here are the loose ends that others agreed to follow-up on. Once we get these taken care of, this section will be ready for one last look by Rosemont, then it can be inserted into Chapter 2.

1. I need the names of the grazing permits held by Rosemont - I think Mindee was going to get these.
2. We need to track down the Coronado response to Rosemont's June 18 letter to Reta re: jurisdiction of Gunsite & Lopez roads and MSHA road standard requirements. I sent an email to Bev last week asking her to follow up on this.
3. As per our discussion last week, I combined the sections on Riparian and Off-Site Land Mitigation. Seems that everything here revolves around whatever we end up with from the Army Corps of Engineers. We need to decide whether we want this section "buried" in amongst the rest of the Elements Common, or if we should make it it's own section in Chapter 2. I am leaning towards the second. Reta and Tom - your thoughts??
4. Jonathan is going to research and write a paragraph under the title Reclamation Plan that basically talks about the intent of a Reclamation Plan, and generally what types of items the Plan will address, with a reference back to the Plan itself.
5. The remaining work is filling references and checking the wording of a couple of measures for accuracy.

Hopefully we can get this wrapped up early this week - with the possible exception of #3 which may need to wait for the Corps of Engineers.

Holler with comments/questions.

Terry Chute

RE: Pending from Westland

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Jun 02 2009 19:01:07 EDT  
**To:** "melissa reichard" <mreichard@swca.com>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** RE: Pending from Westland  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

To follow up, I need to add 2 more things to the list that are pending from Westland:

The CD that was furnished with GIS files lacked these two files: 'revised\_pot\_roosts\_12\_05\_08' and 'PPC\_TAG'. Also, we still do not have the solid final numbers of land acreage amounts from the MPO Table 1. I'm not sure if this should be provided by Rosemont or Westland, but they have been requested and never received. These numbers need to be included in a number of resource reports including the BA that has been drafted with numbers that could be wrong.

I appreciate any help you can lend on this matter.

Thanks!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From:Melissa Reichard  
Sent: Tuesday, June 02, 2009 1:12 PM  
To: 'Beverley A Everson'  
Cc: Tom Furgason; Charles Coyle  
Subject: Pending from Westland

Bev-

I just spoke with our two Biologists that have been working on Rosemont. Apparently, they have been waiting for Westland to send us the PPC Addendum for about 5-6 weeks. Ken Kertell has been including Jim Tress (owner of Westland) on his repeated requests to no avail. Also, the Biological Resources & Mitigation Concepts report of 2007 that was cited in the MPO was never meant to be distributed, per Brian

Lindenlaub. They will not furnish our Biologists this report. Besides our Biologists' preference for the report, the Project Record will need to include all references cited in documents- including the MPO.

If Westland's owner is already aware of the situation, I'm not sure what else SWCA can do in order to obtain these reports in a timely manner. As it is, our BA was drafted without the section that needs input from the PPC Addendum. Unfortunately, Westland has routinely made delivery promises and missed them. Now that their long delays are beginning to affect our timelines, I am asking you for guidance or help with this situation.

I look forward to hearing your thoughts.

Thanks for your time!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

RE: Pending from Westland

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Wed Jun 03 2009 12:27:03 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "tom furgason" <tfurgason@swca.com>  
**Subject:** RE: Pending from Westland  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We did receive that CD as well. It has some figures but the CD left off the 2 files that I wrote you about. This is not the PPC Addendum. Thanks for checking!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, June 02, 2009 6:02 PM  
To: Melissa Reichard  
Cc: Charles Coyle; Tom Furgason  
Subject: Re: Pending from Westland

I just realized that I have received a CD with a PPC figure on it (rec'd May 26). Is this the addendum that was needed, or is it something else?

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Melissa Reichard" <mreichard@swca.com>

06/02/2009 01:12 PM

To

"Beverley A Everson" <beverson@fs.fed.us>

cc

"Tom Furgason" <tfurgason@swca.com>, "Charles Coyle" <ccoyle@swca.com>

Subject

Pending from Westland

Bev-

I just spoke with our two Biologists that have been working on Rosemont. Apparently, they have been waiting for Westland to send us the PPC Addendum for about 5-6 weeks. Ken Kertell has been including Jim Tress (owner of Westland) on his repeated requests to no avail. Also, the Biological Resources & Mitigation Concepts report of 2007 that was cited in the MPO was never meant to be distributed, per Brian Lindenlaub. They will not furnish our Biologists this report. Besides our Biologists' preference for the report, the Project Record will need to include all references cited in documents- including the MPO.

If Westland's owner is already aware of the situation, I'm not sure what else SWCA can do in order to obtain these reports in a timely manner. As it is, our BA was drafted without the section that needs input from the PPC Addendum. Unfortunately, Westland has routinely made delivery promises and missed them. Now that their long delays are beginning to affect our timelines, I am asking you for guidance or help with this situation.

I look forward to hearing your thoughts.  
Thanks for your time!

Melissa Reichard

RE: Pending from Westland

Project Administrator  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

RE: my schedule

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Jun 03 2009 13:07:38 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: my schedule  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks Bev.

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, June 02, 2009 6:19 PM  
To: Melissa Reichard  
Cc: Charles Coyle; Melissa Reichard; Tom Furgason  
Subject: my schedule

Just want to give you a head's up that I will be on leave next week. If you have something that you need from me that did not come up in the meeting today, please let me know right away. Thanks.

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed Jun 03 2009 22:15:41 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
andrea w campbell/r3/usdafs@fsnotes;arthur s elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnote;john able/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c ellett/r3/usdafs@fsnotes;larry  
**CC:** jones/r3/usdafs@fsnotes;marc kaplan/r3/usdafs@fsnotes;mary m farrell/r3/usdafs@fsnotes;mreichard@swca.com;reta laford/r3/usdafs@fsnotes;robert lefevre/r3/usdafs@fsnotes;s@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami emmett/r3/usdafs@fsnotes;tfurgason@swca.com;walter keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** June 10 Rosemont Copper Project Extended IDT Meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Team,

This is to let you know that we will have a morning meeting of the extended IDT on June 10 in 4B, 9:00 to 12:00. John Able will be introducing you to the new project website that will be up and running very soon. The website will have a user-friendly searchable comments database that I would like to get your feedback on.

On another subject, you've all been notified of the technical reports submitted by Rosemont over the past couple of months that are available on WebEx. You should all be reading and reviewing the reports in your resource areas. As a reminder, remember that I have hard copies of the reports that I am happy to share with you if you need them (I am not passing them out to everyone as I have limited copies, but can get more copies as needed).

See you on the 10th.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** william b gillespie/r3/usdafs;nsf;wgillespie@fs.fed.us;smt  
**Sent:** Fri Jun 05 2009 12:47:12 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: June 10 Rosemont Copper Project Extended IDT Meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I'm going to be out of town next week (in Hawaii!!) and so won't make this meeting.

Thank you very much for the Ice Age Mammals of Mo. book. I do not have a copy of it. Looks very good for a popular pub., with a lot of good info.

Bill

William Gillespie, Archaeologist  
Coronado National Forest  
300 W Congress  
Tucson AZ 85701  
Phone 520-388-8392  
FAX 520-388-8305

Beverley A Everson/R3/USDAFS  
06/03/2009 07:15 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com, Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES, Heidi Schewel/R3/USDAFS@FSNOTE, John Able/R3/USDAFS@FSNOTES, Kendall Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES, Marc Kaplan/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mreichard@SWCA.com, Reta Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, S@FSNOTES, Salek Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami Emmett/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES  
Subject  
June 10 Rosemont Copper Project Extended IDT Meeting

Hi Team,

This is to let you know that we will have a morning meeting of the extended IDT on June 10 in 4B, 9:00 to 12:00. John Able will be introducing you to the new project website that will be up and running very soon. The website will have a user-friendly searchable comments database that I would like to get your feedback on.

On another subject, you've all been notified of the technical reports submitted by Rosemont over the past couple of months that are available on WebEx. You should all be reading and reviewing the reports in your resource areas. As a reminder, remember that I have hard copies of the reports that I am happy to share with you if you need them (I am not passing them out to everyone as I have limited copies, but can get more copies as needed).

See you on the 10th.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Re: idea for meeting with Kathy Arnold

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu May 14 2009 17:26:35 EDT  
**To:** sgriset@swca.com  
**CC:** "mary farrell" <mollyofarrell@gmail.com>;tfurgason@swca.com;"william b gillespie" <wgillespie@fs.fed.us>  
**Subject:** Re: idea for meeting with Kathy Arnold  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

FYI, under the terms of the MOU that the Coronado has with Rosemont, the FS should be requesting the meeting with Kathy rather than SWCA making the request. There's the potential for a conflict of interest otherwise. Bill or Mary, please feel free to contact Kathy, either by phone (784.1972) or via email (karnold@rosemontcopper.com). Please keep me and Tom in the loop with the meeting plans and outcome. I don't need to attend, I just need to be able to verify that Rosemont's request for this information (which came through me) was addressed.

Thanks for your continued careful work on the project, and for your enthusiasm.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Suzanne Griset" <sgriset@swca.com>  
05/14/2009 09:53 AM

Please respond to  
sgriset@swca.com

To  
"mary farrell" <mollyofarrell@gmail.com>, tfurgason@swca.com  
cc  
"William B Gillespie" <wgillespie@fs.fed.us>, beverson@fs.fed.us  
Subject  
Re: idea for meeting with Kathy Arnold

I think that's a good idea Mary if Rosemont is interested

Sent from my Verizon Wireless BlackBerry

From: mary farrell

Date: Thu, 14 May 2009 09:11:58 -0700

To: <tfurgason@swca.com>

Subject: idea for meeting with Kathy Arnold

Tom,

Bill Gillespie and I realized that yesterday's meeting was not the best venue for sharing the archaeological sensitivity maps, but we do want to share them with Rosemont. What do you think of the idea of setting up a separate meeting with Kathy Arnold? (Jamie too if he has time to participate, of course.) It seems to me we could also share the preliminary, possible, potential mitigation measures that some tribal members have suggested, although we'd have to make clear that we don't have any official specific comments or statements from tribal governments yet.

At the moment my calendar is flexible Monday afternoon and all day Friday next week, and the 26th, 28, and 29th of the following week. Would any of those days work for you & Suzanne? I'll check with Bill. Can you check with Kathy Arnold? Or let me know if I should make the arrangements.

THANKS.

Mary

--

Mary M. Farrell

**From:** "brian lindenlaub" <blindenlaub@westlandresources.com>  
**Sent:** Wed Feb 13 2008 14:22:43 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** <karnold@augustaresource.com>  
**Subject:** FW: Maps and Groundwater Monitoring Plan  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I just wanted to let you know that we are experiencing some logistical challenges in getting all of the figures plotted and prepped, so it looks like we'll be hand-delivering this package first thing tomorrow morning. We'll also try to get a digital (PDF) version of the groundwater package to Roger at the same time.

Regards,

Brian Lindenlaub | Senior Project Manager

WestLand Resources, Inc.

From: Kathy Arnold [mailto:karnold@augustaresource.com]  
Sent: Tuesday, February 12, 2008 10:20 AM  
To: GMckay@fs.fed.us; RCongdon@fs.fed.us; sshafiqullah@fs.fed.us  
Cc: beverson@fs.fed.us; Brian Lindenlaub; 'Jim Davis'  
Subject: Maps and Groundwater Monitoring Plan

All –

Bev asked me to update everyone on the status of submittals - looks like we are on-track to submit the final map versions and the groundwater monitoring plan. WestLand will deliver, or email or mail as the case may be, copies to you tomorrow (Wednesday). As I understand it this is the last of the information that you had requested in your letter to Augusta Resource on October 19, 2007 and in the subsequent meetings.

Cheers!

Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@augustaresource.com

Rosemont Copper Company

3031 West Ina Road | Tucson, AZ85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

**DALE ORTMAN PE**  
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E-Mail: [daleortmanpe@live.com](mailto:daleortmanpe@live.com)

## **PROJECT MEMORANDUM ROSEMONT EIS PROJECT**

**To:** Salek Shafiqullah, Bev Everson (CNF)  
**Copy to:** Charles Coyle, Melissa Reichard, Tom Furgason (SWCA); Claudia Stone, Clara Balasko, Mike Sieber (SRK)  
**From:** Dale Ortman PE  
**Date:** 5 June 2009  
**Subject:** **Questions for Rosemont  
Dry Stack Tailings Final Design Report**

---

Presented below are draft questions I believe should be addressed by Rosemont prior to the CNF, SWCA, and SWCA's subcontractor SRK proceeding with impact analysis for the dry stack tailings facility described in the report titled *Rosemont Copper Company Dry Stack Tailings Storage Facility Final Design Report, April 15, 2009* prepared by AMEC Earth & Environmental, Inc. of Englewood, Colorado. Please review these questions, comment as you feel appropriate, and forward a final set of questions to Rosemont for their consideration.

1. The design report sets a 15 day limit for evaporation of accumulated storm water on the top surface of the tailings but the BADCT demonstration included as an appendix sets a 5 day limit; please confirm which is correct and provide a corrected report.
2. The tailings design is based on two tailings samples, Colina and MSRD-1 that, based on the submitted geotechnical test results, appear to have almost identical physical properties. The report states that although there are several ore-bearing rock types the high degree of similarity between the two tailings samples indicates a uniformity of tailings properties throughout the deposit. However, the report does not present any discussion of the origin of the samples, the rock types from which they were prepared, or the rationale as to why they are a reliable basis for design; please provide such a rationale.
3. The text of the report indicates the tailings to have a USCS classification of SM when, in fact, the presented data indicates both samples to classify as ML; please correct the report.

4. The report states that tailings in excess of 18% moisture may be safely placed within the core of the facility at a distance of no more than 1100 feet from the inside crest of the rock buttress. However, no analysis is presented to support this statement; please provide such an analysis including an upper bound limit on the allowable moisture content. Additional related questions are:
  - a. Is there a contingency plan for upset conditions at the tailings filtration plant other than the allowance to place tails at greater than 18% moisture in the core of the disposal facility?
  - b. How will the conveyor and radial stacker system be aligned and operated to allow selective placement of tailings between the core and the outer portions of the tailings in the event of cyclical changes in tailings moisture content?
5. The seepage prediction is based on a placed tailings moisture content of 18% however the plan allows for placement of tails at moisture contents exceeding 18% in the core of the facility. Please provide an upper bound seepage analysis using the maximum allowable moisture content from Question #4 for tailings placed in the core of the facility.
6. The report does not contain a Quality Assurance Plan (QAP) to ensure long-term conformance of the tailings facility construction with the design; please provide a QAP.
7. The report indicates the design criteria for Diversion Channel No. 2, but omits the same for Diversion Channel No. 1; please provide the design criteria for Diversion Channel No. 1.
8. The seepage analysis states that no ponding of storm water was included in the analytical boundary conditions. However, the design includes a top surface drainage grade of only 0.25% and construction using a radial stacker placing 25-foot lifts, and it is doubtful that both the construction method will allow grading control to maintain the 0.25% slope or the 0.25% slope will effectively drain the tailings top surface except during extreme flooding. Please provide additional rationale for the exclusion of ponding of storm water in the seepage analysis.
9. Will the surface water control design report due for submission in July 2009 include engineering details for the storm water control facilities for the dry stack tailings? Additional questions are:
  - a. The Central Drain (chimney drain) has been removed from the design, however the rock buttress on the north side of the Phase I tailings, that will be buried by the Phase II tailings, may allow storm water from the surface of the tailings to be routed to the Flow-Through Drain and comingle with discharging storm water; what is the plan to prevent this occurrence?
  - b. The seepage analysis does not include an analysis of potential infiltration through the rock buttress contacting the underlying tailings and subsequently exiting the toe of tailings facility to comingle with discharging storm water; what is to prevent this occurrence?

**From:** mark e schwab/r3/usdafs;nsf;mschwab@fs.fed.us;smtp  
**Sent:** Mon Jun 08 2009 14:43:03 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** michael a linden/r3/usdafs@fsnotes  
**Subject:** Re: Fw: Rosemont Impact Analysis - Dry Stack Tailings Design Report Questions  
**Attachments:** 2009-06-05\_Ortman\_Shaffiqullah et al\_Dry Stack Tail Questions\_memo.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks Bev - I have nothing to add.

- Mark

Mark E. Schwab, Arizona Zone Geologist  
Tonto National Forest, 2324 E. McDowell Rd.  
Phoenix, AZ 85006 office: 602-225-5266  
Fax: 602-225-5295 cell: 623-680-6045  
e-mail: mschwab@fs.fed.us

Beverley A Everson/R3/USDAFS  
06/05/2009 12:26 PM

To  
Eli Curiel/R3/USDAFS@FSNOTES, Roger D Congdon/R3/USDAFS@FSNOTES, Michael A  
Linden/R3/USDAFS@FSNOTES, Mark E Schwab/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Rosemont Impact Analysis - Dry Stack Tailings Design Report Questions

Do any of you have anything to add to Dale's memo? (Mike and Mark, I'm assuming you have access to the tailings report on the site that Melissa created for you; let me know if you need other information from me).

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 06/05/2009 12:22 PM -----

"Dale Ortman PE" <daleortmanpe@live.com>  
06/05/2009 11:08 AM

To  
<sshafiqullah@fs.fed.us>, ""Beverley A Everson"" <beverson@fs.fed.us>  
cc  
""Charles Coyle"" <ccoyle@swca.com>, ""Melissa Reichard"" <mreichard@swca.com>, ""Tom Furgason""  
<tfurgason@swca.com>  
Subject  
Rosemont Impact Analysis - Dry Stack Tailings Design Report Questions

Salek & Bev,

Attached is a memo presenting draft questions I believe should be addressed by Rosemont regarding the final design report for the dry stack tailings facility. Please review, edit as you see fit, and forward a final set of questions to Rosemont.

Regards,

Dale

---

Dale Ortman PE  
Consulting Engineer

(520) 896-2404 - Office  
(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233  
Oracle, AZ 85623

**DALE ORTMAN PE**

Consulting Engineer

PO Box 1233

Oracle, AZ 85623

Office: (520) 896-2404

Mobile: (520) 449-7307

E-Mail: [daleortmanpe@live.com](mailto:daleortmanpe@live.com)

## **PROJECT MEMORANDUM ROSEMONT EIS PROJECT**

**To:** Salek Shafiqullah, Bev Everson (CNF)  
**Copy to:** Charles Coyle, Melissa Reichard, Tom Furgason (SWCA); Claudia Stone, Clara Balasko, Mike Sieber (SRK)  
**From:** Dale Ortman PE  
**Date:** 5 June 2009  
**Subject:** **Questions for Rosemont  
Dry Stack Tailings Final Design Report**

---

Presented below are draft questions I believe should be addressed by Rosemont prior to the CNF, SWCA, and SWCA's subcontractor SRK proceeding with impact analysis for the dry stack tailings facility described in the report titled *Rosemont Copper Company Dry Stack Tailings Storage Facility Final Design Report, April 15, 2009* prepared by AMEC Earth & Environmental, Inc. of Englewood, Colorado. Please review these questions, comment as you feel appropriate, and forward a final set of questions to Rosemont for their consideration.

1. The design report sets a 15 day limit for evaporation of accumulated storm water on the top surface of the tailings but the BADCT demonstration included as an appendix sets a 5 day limit; please confirm which is correct and provide a corrected report.
2. The tailings design is based on two tailings samples, Colina and MSRD-1 that, based on the submitted geotechnical test results, appear to have almost identical physical properties. The report states that although there are several ore-bearing rock types the high degree of similarity between the two tailings samples indicates a uniformity of tailings properties throughout the deposit. However, the report does not present any discussion of the origin of the samples, the rock types from which they were prepared, or the rationale as to why they are a reliable basis for design; please provide such a rationale.
3. The text of the report indicates the tailings to have a USCS classification of SM when, in fact, the presented data indicates both samples to classify as ML; please correct the report.

4. The report states that tailings in excess of 18% moisture may be safely placed within the core of the facility at a distance of no more than 1100 feet from the inside crest of the rock buttress. However, no analysis is presented to support this statement; please provide such an analysis including an upper bound limit on the allowable moisture content. Additional related questions are:
  - a. Is there a contingency plan for upset conditions at the tailings filtration plant other than the allowance to place tails at greater than 18% moisture in the core of the disposal facility?
  - b. How will the conveyor and radial stacker system be aligned and operated to allow selective placement of tailings between the core and the outer portions of the tailings in the event of cyclical changes in tailings moisture content?
5. The seepage prediction is based on a placed tailings moisture content of 18% however the plan allows for placement of tails at moisture contents exceeding 18% in the core of the facility. Please provide an upper bound seepage analysis using the maximum allowable moisture content from Question #4 for tailings placed in the core of the facility.
6. The report does not contain a Quality Assurance Plan (QAP) to ensure long-term conformance of the tailings facility construction with the design; please provide a QAP.
7. The report indicates the design criteria for Diversion Channel No. 2, but omits the same for Diversion Channel No. 1; please provide the design criteria for Diversion Channel No. 1.
8. The seepage analysis states that no ponding of storm water was included in the analytical boundary conditions. However, the design includes a top surface drainage grade of only 0.25% and construction using a radial stacker placing 25-foot lifts, and it is doubtful that both the construction method will allow grading control to maintain the 0.25% slope or the 0.25% slope will effectively drain the tailings top surface except during extreme flooding. Please provide additional rationale for the exclusion of ponding of storm water in the seepage analysis.
9. Will the surface water control design report due for submission in July 2009 include engineering details for the storm water control facilities for the dry stack tailings? Additional questions are:
  - a. The Central Drain (chimney drain) has been removed from the design, however the rock buttress on the north side of the Phase I tailings, that will be buried by the Phase II tailings, may allow storm water from the surface of the tailings to be routed to the Flow-Through Drain and comingle with discharging storm water; what is the plan to prevent this occurrence?
  - b. The seepage analysis does not include an analysis of potential infiltration through the rock buttress contacting the underlying tailings and subsequently exiting the toe of tailings facility to comingle with discharging storm water; what is to prevent this occurrence?

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Fri Jun 05 2009 14:08:02 EDT  
**To:** <sshafiqullah@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>; "tom furgason" <tfurgason@swca.com>  
**Subject:** Rosemont Impact Analysis - Dry Stack Tailings Design Report Questions  
**Attachments:** 2009-06-05\_Ortman\_Shaffiqullah et al\_Dry Stack Tail Questions\_memo.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Salek & Bev,

Attached is a memo presenting draft questions I believe should be addressed by Rosemont regarding the final design report for the dry stack tailings facility. Please review, edit as you see fit, and forward a final set of questions to Rosemont.

Regards,

Dale

---

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

- 2009-06-05\_Ortman\_Shaffiqullah et al\_Dry

Stack Tail Questions\_memo.pdf

RE: call for agenda items for tomorrow's meeting

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Jun 08 2009 20:14:40 EDT  
**To:** "charles coyle" <ccoyle@swca.com>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "teresa ann ciapusc" <tciapusc@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: call for agenda items for tomorrow's meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I also asked Dale to come into town tomorrow to discuss his progress on you assignment of assessing the IDT's alternatives. I believe that he is now at the point where we can take it back to the IDT. However, I think that the FS's management team will want to carefully consider our strategy going forward. We can discuss this further in person tomorrow. Thanks.

Tom

From: Charles Coyle  
Sent: Monday, June 08, 2009 3:03 PM  
To: Beverley A Everson  
Cc: Teresa Ann Ciapusc; Reta Laford; Melinda D Roth; Tom Furgason; Melissa Reichard  
Subject: RE: call for agenda items for tomorrow's meeting

Hi Bev,

I'll be calling in so I can be here to concentrate on working with Tom on revised scoping reports #1 and #2.

My suggested agenda items would be:

- status of the three scoping reports
- revised Purpose & Need, Decision Space, and Proposed Action (with graphics)

RE: call for agenda items for tomorrow's meeting

-request for additional visual analysis per Reta, Debby Kriegel and Marcie Bidwell

-next steps on alternatives development

Tom or Melissa, do you have others to add?

Charles

From: Beverley A Everson [mailto:beverson@fs.fed.us]

Sent: Monday, June 08, 2009 1:26 PM

To: Charles Coyle; Melissa Reichard; Tom Furgason; Teresa Ann Ciapusci; Reta Laford; Melinda D Roth

Subject: call for agenda items for tomorrow's meeting

Please provide your agenda items. Let's plan to meet in Reta's office tomorrow at 9:30.

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Jun 09 2009 16:36:43 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "tom furgason" <tfurgason@swca.com>; "teresa ann ciapusci" <tciapusci@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>  
**Subject:** Scoping Report Draft  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

As an appendix to our draft Scoping Report #2, we intend to include pdf versions of all of the database output. For the purpose of your agency review of this document, could we leave the bulk of this paper out and put in a place holder? I have all of these reports uploaded to WebEx and, considering these reports are volumes, I was hoping to save some paper for the review copy.

Please let me know your thoughts and preference.

Thanks!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

**From:** teresa ann ciapusci/r3/usdafs;nsf;tciapusci@fs.fed.us;smtp  
**Sent:** Wed Jun 10 2009 11:50:41 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** larry jones/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes  
**Subject:** Re: Rosemont scientific collecting permits  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev/Larry -

Good question. The MOU that the Forest Service is asking cooperating agencies to execute contains clauses that would allow the Forest Service to request from the cooperators data and information, such as the permits referenced in your discussion, and to include any received documents in the Administrative Record if appropriate. Both AZGF and US FWS have been invited to be cooperating agencies but to date, neither has executed an MOU for this project. If an MOU is executed with either or both, I can request copies of the permits on your behalf under the terms of the MOU. If either or both decline to execute an MOU, I suggest you still request the permit documentation as a professional courtesy, but you would not be able to compel compliance with the request, and you should also request written permission from those agencies to include the documents in the Administrative Record for this project if that is your purpose for requesting copies.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

Beverley A Everson/R3/USDAFS  
06/09/2009 04:34 PM

To  
Sarah L Davis/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, mreichard@swca.com, tfurgason@swca.com, ccoyle@swca.com  
cc  
Deborah K Sebesta/R3/USDAFS@FSNOTES, gsoroka@swca.com, Richard A Gerhart/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES  
Subject  
Re: Rosemont scientific collecting permits

Sarah, Mindee and T.A., please see the e-mail correspondence below. Are these permits something we should have in the record?

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Larry Jones/R3/USDAFS  
06/09/2009 04:24 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Deborah K Sebesta/R3/USDAFS@FSNOTES, gsoroka@swca.com, Richard A Gerhart/R3/USDAFS@FSNOTES  
Subject  
Re: Rosemont scientific collecting permits

In order to be doing anything besides strictly non-invasive visual surveys, such as dipnetting frogs or tape-playback Mexican Spotted Owl calls, there needs to be state and federal scientific collecting permits (SCP) issued. We don't authorize them--federal SCP is administered by Fish and Wildlife Service for threatened and endangered species, while Arizona Game and Fish administers them for state wildlife. For example, we have a federal permit for all of the biologists on the Coronado NF, and each person is called a permittee, and we are variously permitted to survey or collect animals. Those with the Chiricahua Leopard Frog certification (from AGFD training) are allowed to dipnet or seine for Chiricahua Leopard Frogs, and those without are not allowed.

I would think WestLand and SWCA have state and federal permits, as they are in the business of surveying for wildlife (in part), but I just think these documents should be included in the project record just to show we are all playing by the rules.

I 'm not sure about the regs for non-listed species on private lands, but at least for listed species, anyone doing this sort of work needs the federal permit.

Larry Jones  
Wildlife, Fish, and Rare Plants  
Coronado National Forest  
300 W Congress  
Tucson, AZ 85701

520-388-8375  
ljones02@fs.fed.us

Re: Rosemont scientific collecting permits

Beverley A Everson/R3/USDAFS  
06/09/2009 04:02 PM

To  
Larry Jones/R3/USDAFS@FSNOTES  
cc  
Deborah K Sebesta/R3/USDAFS@FSNOTES, gsoroka@swca.com, Richard A Gerhart/R3/USDAFS@FSNOTES  
Subject  
Re: Rosemont scientific collecting permits

Is it standard for us to require collecting permits for this sort of thing? And if so, where is the direction for this requirement, and are you talking about collection on Forest Service land or elsewhere, or both?

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Larry Jones/R3/USDAFS  
06/08/2009 02:31 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
gsoroka@swca.com, Deborah K Sebesta/R3/USDAFS@FSNOTES, Richard A Gerhart/R3/USDAFS@FSNOTES  
Subject  
Rosemont scientific collecting permits

Hi Bev--

I'm not sure who is the nexus to WestLand is, but I think we need copies of the state and federal scientific collecting permits from anyone doing surveys, be it WestLand, SWCA, Forest Service, or any subcontractors.

Documentation needs to include copies of the permits, with the permitted species, stipulations, and permittees/subpermittees/agents. We need to be sure surveyors aren't in violation state and federal laws and regulations and be prepared to prove this to the public in our project record.

Larry Jones  
Wildlife, Fish, and Rare Plants  
Coronado National Forest  
300 W Congress  
Tucson, AZ 85701

520-388-8375  
ljones02@fs.fed.us

June 10, 2009

Mr. Steve Spangle  
Arizona Ecological Field Services Office  
U.S. Fish and Wildlife Service  
2321 West Royal Palm Road, Suite 103  
Phoenix, Arizona 85021

**RE: REQUEST FOR FORMAL ESA SECTION 7 CONSULTATION ON THE ROSEMONT COPPER PROJECT, CORONADO NATIONAL FOREST, ARIZONA**

Dear Mr. Spangle:

The purpose of this letter is to request formal consultation, pursuant to Section 7(a)(2) of the Endangered Species Act (ESA), to address the possible effects of the proposed Rosemont Copper Project on species listed as threatened and endangered under the ESA. The project, as proposed by Rosemont Copper Company, would be constructed in Pima County on private lands, and lands managed by Arizona State Land Department, Bureau of Land Management, and U.S. Forest Service (Forest Service), Coronado National Forest. The Forest Service would serve as the lead federal agency for the consultation.

The Forest Service has received a Mine Plan of Operations (MPO) from Augusta. The MPO provides a detailed project description and can be provided upon request. For compliance with the National Environmental Policy Act, the Forest Service is currently preparing an Environmental Impact Statement (EIS) to address potential project impacts.

As you are aware, the Forest Service typically requests formal consultation once a preferred alternative has been identified. However, no decision has been made whether to identify the preferred alternative in the Draft EIS or Final EIS. The Forest Service would like to formally involve your agency at this time to provide input on the preparation of a Biological Assessment (BA) and development of appropriate mitigation. It is our intent to include the findings of the BA, as well as evaluating any proposed mitigation, in the Draft EIS. This will allow for the public to provide comments on the findings of the BA and consultation history when the Draft EIS is published.

Once the preferred alternative is identified, we will then request that FWS provide a Biological Opinion. We anticipate that consultation will take longer than standard 135 days. If you have any questions, please contact Project Lead Bev Everson at (520) 388-8300 or Project Biologist Deborah Sebesta at (520) 281-2296 of the Coronado National Forest. We appreciate your assistance and respectfully request your response as soon as possible.

Sincerely yours,

Jeanine Derby, Forest Supervisor  
enclosure

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Jun 10 2009 14:09:56 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "melinda d roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** USFWS\_Request for ESA Consultation\_061009.doc  
**Attachments:** USFWS\_Request for ESA Consultation\_061009.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Per our meeting yesterday, attached is the revised consultation letter for your consideration. Feel free to call me if you have any questions. Thanks.

Tom Furgason  
Program Director  
SWCA Environmental Consultants  
(520) 325-9194 - USFWS\_Request for ESA Consultation\_061009.doc

Action required. Press Release information needed please.

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Jun 10 2009 14:47:57 EDT  
**To:** <jable@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Action required. Press Release information needed please.  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

John,

We are finishing up the first scoping report and are trying to fill in a table detailing where all of the press releases were sent and when. I began a sample so that you have an idea on what we are looking for. Melissa has previously received copies of most of these releases, but we are uncertain about some of the dates and some were sent via email and we can't always tell the organization.

The following table highlights newspapers, but didn't the Forest Service send releases to politicians? We should include these as well. We have completed a separate table with the dates for paid advertising. Thanks.

Tom

Table X. Media Releases Announcing Rosemont Copper Project Scoping Meetings.

Media

Dates Sent

ArizonaDaily Star (Tucson)

ArizonaDaily Sun (Flagstaff)

ArizonaDaily Territorial (PimaCounty)

ArizonaRepublic(Phoenix)

ArizonaSilver Belt (Globe)

ArizonaWildcat (Universityof Arizona)

Daily Courier (Prescott)

Daily Dispatch (Douglas)

Eastern ArizonaCourier (Safford)

GreenValleyNews and Sun

Navajo Times (Window Rock)

NogalesInternational

Sahuarita Sun

SanPedroValleyNews Sun (Benson)

Sierra VistaHerald

The State Press (ArizonaStateUniversity)

TucsonWeekly

Vail Sun

Weekly Bulletin

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Aug 05 2010 20:01:41 EDT  
**To:**  
**CC:** brian lindenlaub blindenlaub@westlandresources.com;gcheniae <gcheniae@cox.net>;jrigg@swca.com;jamie sturgess <jsturgess@augustaresource.com>;karnold@rosemontcopper.com;mary@strongpointpr.com;melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;rlaford@fs.fed.us;robert cordts/r3/usdafs@fsnotes;tfurgason@swca.com;tjchute@msn.com  
**Subject:** Re: Status Meeting, 8:00-12:00, August 6 at SWCA  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Reminder to all that we'll be meeting at SWCA tomorrow. See you there. Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Melinda D Roth/R3/USDAFS  
08/04/2010 10:07 AM

To  
Jamie Sturgess <jsturgess@augustaresource.com>, karnold@rosemontcopper.com, gcheniae <gcheniae@cox.net>, Brian Lindenlaub blindenlaub@westlandresources.com, mary@strongpointpr.com, mreichard@swca.com, tfurgason@swca.com, jrigg@swca.com  
cc  
Melinda D Roth/R3/USDAFS@FSNOTES, rlaford@fs.fed.us, beverson@fs.fed.us, tjchute@msn.com, Robert Cordts/R3/USDAFS@FSNOTES  
Subject  
Status Meeting, 8:00-12:00, August 6 at SWCA

Special topics: Mitigation update - Terry  
Conf call with Army Corps legal counsel - Reta

Mindee Roth  
Coronado National Forest

300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** john\_able/r3/usdafs;nsf;jable@fs.fed.us;smtp  
**Sent:** Wed Jun 10 2009 15:52:49 EDT  
**To:** mreichard@swca.com;tfurgason@swca.com  
**CC:** beverley\_a\_everson/r3/usdafs@fsnotes  
**Subject:** Limehouse Demo Tues June 16 at 930 am  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Tom or Melissa, is it ok for us to use your conference room facilities for this Limehouse demo? I can bring a projector, but to avoid firewall issues, I'm hoping you can provide your network, a computer, and your conference phone.

John A. Able, Information Steward  
Transparency, Collaboration, Knowledge  
Coronado National Forest  
Voice or Text: 520.405.4256  
Twitter: @johnable

**From:** john able/r3/usdafs;nsf;jable@fs.fed.us;smtp  
**Sent:** Tue May 19 2009 20:18:55 EDT  
**To:** reta laford/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Limehouse Online Demo  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I've tentatively set up the online demo of Limehouse on June 2 at 0930 during our usual meeting w/ SWCA. It'll be a netmeeting/confcall. While it might be nice for everyone to be in the same room, Charles can participate from Phoenix. If this suits everyone, I'll let the SWCA folks know.

Also, I'm thinking others on the Forest may want to see this demo -- Jeanine, Jennifer, Randall, etc. Does anyone mind if we invite them?

John A. Able, Information Steward  
Transparency, Collaboration, Knowledge  
Coronado National Forest  
Voice or Text: 520.405.4256  
Twitter: @johnable

RE: meeting Friday to discuss tribal ideas for mitigation and alternatives?

**From:** mary m farrell/r3/usdafs;nsf;mfarrell@fs.fed.us;smtp  
**Sent:** Wed May 20 2009 15:00:36 EDT  
**To:** kathy arnold <karnold@rosemontcopper.com>  
**CC:** william b gillespie/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**Subject:** RE: meeting Friday to discuss tribal ideas for mitigation and alternatives?  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Kathy, I've reserved room 4B at the federal building for our meeting. See you at 1 pm Friday!

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

Kathy Arnold <karnold@rosemontcopper.com>  
05/20/2009 08:10 AM

To  
Mary M Farrell <mfarrell@fs.fed.us>  
cc

Subject  
RE: meeting Friday to discuss tribal ideas for mitigation and alternatives?

Mary –  
One is good for me – the Forest Service offices or at SWCA?

Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company

RE: meeting Friday to discuss tribal ideas for mitigation and alternatives?

P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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From: Mary M Farrell [mailto:[mfarrell@fs.fed.us](mailto:mfarrell@fs.fed.us)]  
Sent: Wednesday, May 20, 2009 8:00 AM  
To: karnold  
Subject: Fw: meeting Friday to discuss tribal ideas for mitigation and alternatives?

Hi, Kathy

Sorry to be slow with this email, I was out of the office yesterday. Are you still able to meet with Bill Gillespie and me on Friday afternoon to discuss some of the ideas we've heard from tribes for mitigation or alternative development? Anytime after 1:00 works for me. Thanks.

Mary

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

**From:** teresa ann ciapusci/r3/usdafs;nsf;tciapusci@fs.fed.us;smtp  
**Sent:** Tue Mar 09 2010 09:43:16 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Additional Reports requested by Linda Pollack  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev -  
These are the other 2 reports that Linda is seeking:

Rosemont Stream Classification, Tetra Tech 2007  
Preliminary Springs Assessment, WestLand Resources, 2007.

If you have copies readily available, please drop them off for me. I haven't had a chance to check for these in WebEx or other sources yet. If they are there, just let me know and I'll make her a cd as soon as I finish with FLT meetings.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Thu May 21 2009 14:47:06 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: mitigation summary list for IDT review  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

Were you planning on asking Kathy for her presentation or would you like me to?

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, May 21, 2009 9:57 AM  
To: Charles Coyle; Tom Furgason; Melissa Reichard  
Subject: mitigation summary list for IDT review

Charles, I asked Melissa yesterday to put together a chart of all the mitigation that has been suggested, by resource area, for IDT review. She asked me to run the request by you so that she has permission to do the work. Please let me know if you can okay this. The next step would be distributing the chart to the team, which I would like to do as soon as possible.

Thanks for your consideration of this request.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Wed Dec 15 2010 10:46:14 EST  
**To:** tfurgason@swca.com;jrigg@swca.com;tjchute@msn.com  
**CC:** beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**Subject:** Fw: BLM comments of Rosemont EIS - Internal Review Draft  
**Attachments:** Internal Draft Review Comments\_Compiled\_2010\_12\_14.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

FYI... I haven't looked at this yet other than to note it is 33 pages. Army Corps comments aren't expected until early- to mid-January. Reta and the RO are refining a schedule based, in part, on the Region's expectations for their internal working DEIS review. Stay tuned.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 12/15/2010 08:41 AM -----

d3moore@blm.gov  
12/14/2010 04:27 PM

To  
Melinda D Roth <mroth@fs.fed.us>  
cc  
calvarez@blm.gov  
Subject  
BLM comments of Rosemont EIS - Internal Review Draft

Mindee,

Please find attached BLM's comments on the subject document. Thank you for providing us the opportunity to review the document. If you need any clarifications concerning the comments please let me know. However, with the upcoming holidays responses may take some time. The comments provided here are not complete. The BLM will provide any additional comments on the next draft of the document (Cooperating Agency release?). Best wishes for the holidays.

Dan

(See attached file: Internal Draft Review  
Comments\_Compiled\_2010\_12\_14.docx)

---

Daniel Moore  
Geologist, R.G.  
Bureau of Land Management  
Tucson Field Office  
12661 E Broadway Blvd  
Tucson, AZ 85748

Ph: 520 258-7234  
Fx: 520 258-7238  
Daniel\_J\_Moore@blm.gov

**From:** mary farrell <mollyofarrell@gmail.com>  
**Sent:** Thu Jun 11 2009 14:47:42 EDT  
**To:** suzanne griset <sgriset@swca.com>  
**CC:** beverson@fs.fed.us;charles coyle <ccoyle@swca.com>;tom furgason <tfurgason@swca.com>;melissa reichard <mreichard@swca.com>;jerome hesse <jhesse@swca.com>  
**Subject:** Re: Bounds of Analysis for Cultural Resources  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Suzanne,

Looks fine.

mary

On Thu, Jun 11, 2009 at 11:22 AM, Suzanne Griset <sgriset@swca.com> wrote:

Mary

Attached is a draft statement developed from our conversation week before last. Would you kindly look it over and send us your revisions/comments? We've been requested to submit our statement tomorrow by COB.

Many thanks,

Suzanne

Suzanne Griset, Ph.D.

Principal Investigator/Project Manager

SWCA, Inc. Sound Science, Creative Solutions.®

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Tucson, AZ 85701

(420- 325-9194 (520) 325-2033 fax (520) 444-5725 cell

www.swca.com

--

Mary M. Farrell

**From:** "jerome hesse" <jhesse@swca.com>  
**Sent:** Thu Jun 11 2009 13:23:53 EDT  
**To:** <beverson@fs.fed.us>  
**CC:** "dale ortman pe" <daleortmanpe@live.com>; "charles coyle" <ccoyle@swca.com>; "tom furgason" <tfurgason@swca.com>  
**Subject:** Bounds of Analysis Geology  
**Attachments:** 2009-5-31\_Ortman\_Hesse\_GeoMin Bnds of Analysis\_memo.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Bev,

Sorry I have not contacted you earlier about the bounds of analysis for the Affected Environment--Geology and Minerals section of the Rosemont EIS. Take a look at Dale's attached memo. Initially we were proposing multiple bounds of analysis for geology focusing on Mine Site Geology and Minerals, Seismicity, and Caves, but after further discussion we believe it is prudent to limit the analysis to a single bounds focusing on the mine site. Seismicity and caves will of course be addressed, but are not likely to be such significant issues that they warrant an entire separate formal bounds of analysis.

Let me know if you agree with this approach.

Thanks,

Jerome Hesse  
Program Director, Cultural Resources  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
520-325-9194 phone  
520-325-2033 fax  
- 2009-5-31\_Ortman\_Hesse\_GeoMin Bnds of Analysis\_memo.doc

**From:** mary m farrell/r3/usdafs;nsf;mfarrell@fs.fed.us;smtp  
**Sent:** Fri Aug 27 2010 13:26:32 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** william b gillespie/r3/usdafs@fsnotes;sgriset@swca.com  
**Subject:** Re: Santa Ritas as a TCP  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev --

First step is done: The Tohono O'odham Nation has provided preliminary evidence that the entire Santa Ritas are a TCP. At a meeting with SHPO on Tuesday, SHPO said even a place name (which TON has provided) would suffice to establish the connection necessary for a TCP.

Second step: It will be the lead agency's responsibility to do the determination of eligibility, as part of the NHPA compliance for the proposed action. The ethnohistory that Suzanne Griset of SWCA is working on will provide background for that determination, but it'll take more in-depth interviews to determine eligibility according to the regs. Bill and I talked with the Four Southern Tribes Cultural Resources Working Group about this last Friday, and asked them to be thinking about whom should be interviewed, and what additional resources should be analyzed. I'm hoping that we can request that Suzanne do that work. I'm guessing it would need to be done before the FEIS, but wouldn't necessarily have to be done before the DEIS.

Third step: It is possible that the 4 southern tribes will request that we also nominate the mountain range to the National Register of Historic Places, as part of mitigation for the mine. Protection for a property determined eligible is the same as protection for a property actually listed on the Nat'l Register, but listing provides more public recognition, which the 4ST may consider desirable in this case.

Overall, the determination of the Santa Ritas as a TCP is a reasonably foreseeable action.

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

Beverley A Everson/R3/USDAFS  
08/26/2010 04:58 PM

To  
Mary M Farrell/R3/USDAFS@FSNOTES  
cc

Subject

Santa Ritas as a TCP

Hi Mary,

Can you tell me what the status of this idea is? I'm trying to determine whether or not it is a reasonably foreseeable action.

Thanks.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

RE: Another request from Rosemont

**From:** brian lindenlaub <blindenlaub@westlandresources.com>  
**Sent:** Mon May 18 2009 16:31:27 EDT  
**To:** 'kathy arnold' <karnold@rosemontcopper.com>;beverley a everson <beverson@fs.fed.us>;jamie sturgess <jsturgess@augustaresource.com>  
**CC:**  
**Subject:** RE: Another request from Rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

All,

The PPC addendum is in final review and should be able to go out tomorrow. The other biological document will go out by the end of the week.

Regards,

Brian Lindenlaub | Principal

WestLand Resources, Inc.

From: Kathy Arnold [mailto:karnold@rosemontcopper.com]  
Sent: Monday, May 18, 2009 1:14 PM  
To: Beverley A Everson  
Cc: Brian Lindenlaub; Jamie Sturgess  
Subject: RE: Another request from Rosemont

Bev –

Brian spoke with Ken (?) at SWCA about the document referenced. I think the report was supposed to be delivered to SWCA.

Brian –

Can you please let me know the status?

Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@rosemontcopper.com

Rosemont Copper Company

P.O. Box35130 | Tucson, AZ85740-5130

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From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Monday, May 18, 2009 12:56 PM  
To: Kathy Arnold  
Subject: Fw: Another request from Rosemont

Another request from SWCA.

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 05/18/2009 12:55 PM -----

"Melissa Reichard" <mreichard@swca.com>

05/18/2009 11:08 AM

To

"Beverley A Everson" <beverson@fs.fed.us>

cc

"Charles Coyle" <ccoyle@swca.com>, "Tom Furgason" <tfurgason@swca.com>, "Ken Kertell" <kkertell@swca.com>

Subject

FW: Another request from Rosemont

Bev-

Actually, I was just told that our Biologist has been waiting for an addendum to the PPC report for three weeks as well. Could you add that to your list please? Please let me know if there is something I can do to help get these documents rolling.

Thanks Again!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Melissa Reichard  
Sent: Monday, May 18, 2009 10:27 AM  
To: Beverley A Everson

RE: Another request from Rosemont

Cc: Tom Furgason; Charles Coyle; Ken Kertell  
Subject: Another request from Rosemont

Bev-

Just a reminder- we are still waiting for the "Biological Resources & Mitigation Concepts" by Westland 2007 that was referenced in the MPO that we requested a little while back. Could you check in on that as well?

Big Thanks!

Melissa Reichard  
Project Administrator  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
(520)325-9194, (520)325-2033 fax

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"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

Meeting Tuesday?

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Jan 03 2011 10:27:28 EST  
**To:** tfurgason@swca.com;jrigg@swca.com;mreichard@swca.com  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** Meeting Tuesday?  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Are you free Tuesday at 9:30 to review the project status and steps going forward? I would like to talk about BLM/Army Corps/Jim/Reta comments, what tech. reports are in review, and topics for Thursday status meeting. Other topics?

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Mon Jun 15 2009 12:15:42 EDT  
**To:** mindee roth <mroth@fs.fed.us>;beverly everson <beverson@fs.fed.us>;reta laford <rlaford@fs.fed.us>  
**CC:** charles coyle <ccoyle@swca.com>;melissa reichard <mreichard@swca.com>  
**Subject:** Scoping Report #2 (w/o appendix)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I posted .pdf copies of Scoping Reports #1 and #2 on Webex for your review. I will be delivering two hard copies at our meeting today at 1:00 pm. Please let me know if you would like copies of the MS Word files for review purposes. Please note that the graphics will not be included in the MS Word version because they were created in CADD and/or GIS formats that do not transfer into Word without substantial loss in resolution.

Tom

<<https://rosemonteis.webexone.com/r.asp?a=5&id=147228>>

**From:** walter keyes/r3/usdafs;nsf;wkeyes@fs.fed.us;smtp  
**Sent:** Tue Jun 09 2009 13:05:05 EDT  
**To:** larry jones/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** Re: Rosemont holdings  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Larry,

I believe you are right on with respect to differentiating the "holdings" of Rosemont, but Bev's the boss.

Even "to own" is not simple. So couching the "holdings" of Rosemont in the least confusing terms possible is warranted. We need to ensure where possible that we all use the same terms for clarity however. I suggest, as you do, "unpatented mining claims", and "private land".

I learned long ago--from George McKay in fact--about "ownership interests". Easements, mineral estate (mining claims), rights of way, etc (even "joint tenancy" as for most married couples' houses) are "ownership interests": One owns only a part of the "thing"--and someone else (or multiple someone's) owns the rest. One has a right of ownership, but generally that right is circumscribed by whatever document granted that right originally. When those ownership rights conflict with one another "the dance begins" and does not stop until both parties agree they've had enough.

Walt.

.....  
Walt Keyes -- Roads Engineer  
Coronado National Forest  
300 W. Congress, Tucson, AZ 85701  
520-388-8416 voice / 260-9567 cell / 388-8334 fax / wkeyes@fs.fed.us  
"Being right too soon is socially unacceptable".  
-- Robert A. Heinlein  
.....

Larry Jones/R3/USDAFS  
06/08/2009 02:22 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Walter Keyes/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, gsoroka@swca.com  
Subject  
Rosemont holdings

Hey Bev (et al.)--

I'm going through the Rosemont biological technical reports from WestLand and one thing that bewilders me a bit is the reference to "Rosemont holdings." In the reports, there is a universal map that shows the boundary encompassing both patented and unpatented mining claims, calling the area the Rosemont holdings. I would think these should be distinct so we can differentiate issues associated with Forest Service managed lands (unpatented claims) vs. private lands (private inholdings and patented claims)...but this is not really my forté, so I am wondering if the term Rosemont "holdings" inclusive of unpatented claims is apropos? They also use a term, "the Property" (capitalized), but I'm not sure what that refers to.

I haven't seen an agenda for the Wednesday meeting, but is there room to discuss the "consultation letter" I mentioned earlier and these reports? Or is that something just for us bios to do?

Larry Jones  
Wildlife, Fish, and Rare Plants  
Coronado National Forest  
300 W Congress  
Tucson, AZ 85701

520-388-8375  
ljones02@fs.fed.us

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Fri May 29 2009 18:55:04 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Rosemont Socioeconomics Analysis  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I replied to her that I am on vacation next week but will call her on June 8, Monday.

I will run this request by my contact in the RO, Richard Periman, before I call her. Do you have any other information that I need to know about before I respond? Thanks.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

----- Forwarded by Sarah L Davis/R3/USDAFS on 05/29/2009 03:52 PM -----

"Cara Bellavia" <cbellavia@swca.com>  
05/28/2009 09:23 AM

To  
"Sarah L Davis" <sldavis@fs.fed.us>  
cc

Subject  
Rosemont Socioeconomics Analysis

Hi Sarah,

Can we set up a time to chat regarding what the FS would like the bounds of analysis (both spatial and temporal) to be for socioeconomics for the Rosemont Copper mine project? I am hoping we can connect some time next week (the week of June 1)?

In our our draft cause and effect statements, which I understand are not finalized yet, we proposed a 100-mile buffer from the mine to analyze in terms of the spatial bounds.

Let me know when you are available.  
Thanks,  
Cara

Cara Bellavia

SWCA Environmental Consultants  
3033 N. Central Ave., Suite 145  
Phoenix, AZ 85012  
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[www.swca.com](http://www.swca.com)

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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Sun Jun 14 2009 18:57:26 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "deborah k sebesta" <dsebesta@fs.fed.us>  
**CC:** "melinda d roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>; "charles coyle" <ccoyle@swca.com>; "larry jones" <ljones02@fs.fed.us>; <rlaford@fs.fed.us>  
**Subject:** Critique of Westland Reports  
**Attachments:** Critique of Westland Tech Memos.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev and Debbie,

Attached is SWCA's critique of the technical memoranda, from Westland Resources, that we used in support of the BA. SWCA did not find these memoranda sufficient to complete the BA. In many cases our biologists were able to either complete minor statistical calculations or find supplemental information on their own. However, in some cases, we need information from the proponent, USFWS, and Forest Service.

The attached memorandum from our project biologist to me outlines areas we felt were deficient, how we addressed the perceived deficiencies, or areas where we need additional information.

Please let us know if you have any edits or if we can submit a final for the record. Thank you in advanced for your prompt review.

Tom Furgason  
Program Director  
SWCA Environmental Consultants. - Critique of Westland Tech Memos.pdf

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Tue Jun 16 2009 14:18:21 EDT  
**To:** ""beverley a everson"  
<beverson@fs.fed.us>; <tfurgason@swca.com>; <mreichard@swca.com>; <ccoyle@swca.com>  
**CC:**  
**Subject:** RE: June 17, 2009 Rosemont Copper Project IDT meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I am scheduled to arrive at the Tucson airport at 8:35 AM on the 17th. I will proceed directly to the meeting, but will likely not be in the room before 9:30 AM. I'll be in touch with Tom via cell phone and advise him of my progress and any travel problems that may arise.

See you Wednesday,

Dale

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, June 11, 2009 3:04 PM  
To: tfurgason@swca.com; mreichard@swca.com; ccoyle@swca.com; daleortmanpe@live.com  
Subject: June 17, 2009 Rosemont Copper Project IDT meeting

This is to confirm, per our discussion this past Tuesday, that I'm requesting that Dale gives a presentation of the feasibility of alternatives developed by the IDT, that Tom help facilitate the meeting, and that Melissa takes notes at the meeting. The meeting is scheduled for a half day, from 9:00 to 12:00, in 6V6 of the Federal Building.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Sun Jun 14 2009 18:56:01 EDT  
**To:** <beverson@fs.fed.us>; <dsebesta@fs.fed.us>  
**CC:** <rlaford@fs.fed.us>; <mroth@fs.fed.us>; <ljjones@fs.fed.us>; "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Critique of WestLand Reports  
**Attachments:** Critique of Westland Tech Memos.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev and Debbie,

Attached is SWCA's critique of the technical memoranda, from Westland Resources, that we used in support of the BA. SWCA did not find these memoranda sufficient to complete the BA. In many cases our biologists were able to either complete minor statistical calculations or find supplemental information on their own. However, in some cases, we need information from the proponent, USFWS, and Forest Service.

The attached memorandum from our project biologist to me outlines areas we felt were deficient, how we addressed the perceived deficiencies, or areas where we need additional information.

Please let us know if you have any edits or if we can submit a final for the record. Thank you in advanced for your prompt review.

Tom Furgason  
Program Director  
SWCA Environmental Consultants. - Critique of Westland Tech Memos.pdf

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Thu Jan 13 2011 11:41:04 EST  
**To:** tfurgason@swca.com;jrigg@swca.com;mreichard@swca.com;tchute99@gmail.com  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** additional ACOE comments  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

From Marjorie Jan 13, 2011

Mindee:

I went back through Chps 1, 2, 3 (surface water), and 5 and provided additional comments in some of these chapters. You can find these at the following link:

<ftp://ftp.usace.army.mil/pub/spl/Rosemont%20DEIS%20Comments%20Jan%202011/>

Please note that you will see two other RM files there; please ignore those. The ftp site doesn't allow me to replace the files or delete them without an administrator involved. I will try to get those deleted next week. The comments you want are at the link above.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Feb 14 2008 13:32:34 EST  
**To:** "brian lindenlaub" <blindenlaub@westlandresources.com>  
**CC:**  
**Subject:** Re: Rosemont Drilling Plan BA/E  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Brian Lindenlaub" <blindenlaub@westlandresources.com>  
02/12/2008 10:23 AM

To  
"Beverley A Everson" <beverson@fs.fed.us>  
cc  
<karnold@augustaresource.com>  
Subject  
Rosemont Drilling Plan BA/E

Bev,

I just wanted to let you know that I spoke with Debbie Sebesta regarding the BA/E for the Rosemont drilling program plan of operations. Debbie indicated that the plan had a lot of relevant information in it, and that she was working on the BA/E and would have it completed by the end of the week. As such, we do not currently intend to submit a BA/E, but will support Debbie fully in her efforts.

Just wanted to keep you in the loop.

Regards,  
Brian Lindenlaub | Senior Project Manager

WestLand Resources, Inc.  
4001 E Paradise Falls Drive | Tucson, AZ 85712  
Office: (520) 206-9585 | Fax: (520) 206-9518

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**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Jun 18 2009 18:10:52 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
andrea w campbell/r3/usdafs@fsnotes;arthur s elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnote;john able/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c ellett/r3/usdafs@fsnotes;larry  
**CC:** jones/r3/usdafs@fsnotes;marc kaplan/r3/usdafs@fsnotes;mary m farrell/r3/usdafs@fsnotes;mreichard@swca.com;reta laford/r3/usdafs@fsnotes;robert lefevre/r3/usdafs@fsnotes;s@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami emmett/r3/usdafs@fsnotes;tfurgason@swca.com;walter keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** June 24 Rosemont Copper Project Core IDT meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The core IDT will be meeting in 4B from 9:00 to 4:30 on June 24. We will review 3D modeling of the proposed alternative waste and tailings disposal site, and will also look at how these alternatives will impact resources. Although the meeting is optional for the extended team members, I'm going to need input from heritage and from riparian resources (Bob LeFevre), and request that you attend the meeting (please let me know of your availability).

We'll plan on a half hour lunch, so please bring lunch or plan to order out for one.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jun 18 2009 19:06:58 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "melissa reichard" <mreichard@swca.com>; "melinda d roth" <mroth@fs.fed.us>; "charles coyle" <ccoyle@swca.com>  
**Subject:** Alaska visit  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I spoke with Jamie earlier today and he declined my request to submit a change order to cover Melissa's cost to visit the Tongass NF to better understand how they physically administer their Administrative Records. Unfortunately, I will not be able to authorize Melissa's trip to Alaska. John MacIvor indicated that there may be a way for the CNF to fund this through the remaining money in the 2008 FS Rosemont budget. I don't know how this would work, but you could call John if you feel strongly that Melissa should attend. Thanks.

Tom

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jun 18 2009 18:50:15 EDT  
**To:** "john able" <jable@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "charles coyle" <ccoyle@swca.com>; "matt petersen" <mpetersen@swca.com>  
**Subject:** Beta version of FS website concerns  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

John,

Thank you for allowing the opportunity to review the Rosemont EIS website. Although out of scope, I felt that it was in the interest of the NEPA process to have my comments before allowing full access to the public. In general I like the look and feel of the site, but that is the easy part. I did not complete a comprehensive review of the site, but following are some concerns that I have regarding the website:

1. EIS Documents: Works in progress- I feel that a great deal care needs to be taken in relation to what is made public—and when. The CNF's intention to post chapters of the EIS as they are being written may not be prudent. It is a certainty that most (if not all) of the chapters will need to be repeatedly revised as other sections of the EIS are developed. Although Reta had indicated they would then simply re-post the revised versions, but that will result in multiple versions in the public domain and will contribute to future conflicts (even if they are dated). Our specific concern is that we are putting out drafts that are not fully developed and do not accurately reflect final analyses and language. Under NEPA, that may be considered as actually misleading the public, not informing them.
2. Rosemont Drilling Decision Memo- in the beginning, we were told to keep these 2 projects in particular completely separate from each other. Therefore, is it appropriate to include this on the Rosemont EIS site or to place it back to the CNF site?
3. Record Index- This is very problematic. This record index will change during the life of the project and I'm concerned about the public getting confused and thinking that we are hiding information. For instance, if the proposed water pipeline route changes, then we'd probably pull the original survey reports. I can see a situation where the public interpreted this as the Forest Service hiding something.
4. Management Records: ID Team- I am concerned that this may impact the deliberative nature of the IDT. It is very unlikely that SWCA will hand anything out at the IDT meetings without first having the Forest Service review the document and accept it as its own. Furthermore, much like the video taped events, it is unlikely that consulting staff will feel free to fully express ideas which they have not fully thought through or vetted with their managers.

5. About the project: Data- What sort of data are you intending to post? Well logs, agave surveys? Relevant data should simply be appended to the appropriate report.

6. Blogs – I'm concerned about the IDT posting blogs individually. Without careful consideration and editing, it is entirely possible that members of the IDT may quite unintentionally make pre-decisional statements or conclusions that must be left up to the deciding official.

We may have more comments as we review the website in greater detail. Again, thank you for allowing us to view this site in advance.

Tom Furgason

Program Director

SWCA Environmental Consultants

(520) 325-9194

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Fri Jun 19 2009 18:01:50 EDT  
**To:** klgraves@fs.fed.us;art elek <aelek@fs.fed.us>;beverson@fs.fed.us;dkriegel@fs.fed.us;sshafiqullah@fs.fed.us;dale ortman <daleortmanpe@live.com>;tfurgason@swca.com;wkeyes@fs.fed.us;dsebesta@fs.fed.us;mindee roth <mroth@fs.fed.us>;walt keyes <wkeyes@fs.fed.us>  
**CC:** charles coyle <ccoyle@swca.com>;melissa reichard <mreichard@swca.com>  
**Subject:** Alternatives Matrices  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I have created a folder on WebEx title "Alternatives". In this folder I placed two files: 1) Issues Resource Matrix Demonstrating the Interrelation of Impacts upon Each Resource, and 2) Alternatives Matrix.

The Issues Resource Matrix is a tool that we can use to evaluate the interrelationship of impacts on each issue and units of measure. For example, impacts to air quality would be a result of increased dust (as measured by pm10 and pm2.5) and greenhouse gas emissions. As you read across the first row, you'll see that air quality impacts would also potentially affect nights skies, recreation, riparian, plants and animals, water, reclamation plan, and soils.

I mentioned the Alternative Matrix table during the meeting on Wednesday. After the IDT understands the nature of the potential impacts, then we can fill out the fields in this table. This will allow us to see if the different alternatives that we have proposed, as a result of the identification of issues, present clear trade-offs and can stand alone.

Tom Furgason

Here's the link to the WebEx Alternatives folder: <<https://rosemonteis.webexone.com/r.asp?a=12&id=24252>>

RE: Pending from Westland

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Wed Jun 03 2009 12:29:08 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: Pending from Westland  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks for forwarding!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, June 02, 2009 6:16 PM  
To: Melissa Reichard  
Subject: RE: Pending from Westland

Mel, I think I have forwarded all your requests for reports and files. Let me know if I missed anything, and feel free to follow up with me if you don't hear back from me promptly. I will forward whatever responses I get from Kathy. Bev

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Wed Jun 03 2009 14:23:17 EDT  
**To:** kathy arnold <karnold@rosemontcopper.com>  
**CC:** beverley a everson <beverson@fs.fed.us>;"krizek, david"  
<david.krizek@tetrattech.com>;mbidwell@swca.com;debby kriegel/r3/usdafs@fsnotes  
**Subject:** Re: Meeting on Reclamation Plan  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Kathy,

If your team isn't ready to present their work yet, then Meeting after the 15th will be fine.

My availability that week:

Monday, June 15: available from 11 am until 3 pm.

Tuesday, June 16: available only before 9 am (note: I'm usually in the office by 7)

Wednesday, June 17: Bev can let you know if I will need to be at a core team meeting this day. If there's no meeting, I'd be available all day.

Thursday and Friday, June 18 & 19: available any time.

At our meeting on May 7, Joy and David asked for evaluation criteria and affected environment input from SWCA for tomorrow's meeting. I'm reviewing Marcie Bidwell's draft evaluation criteria today, and hopefully she can send this to you within a day or so. The affected environment section is expected by the end of this month.

Thanks.

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

Kathy Arnold <karnold@rosemontcopper.com>

06/03/2009 10:45 AM

To  
"dkriegel@fs.fed.us" <dkriegel@fs.fed.us>

CC

Beverley A Everson <beverson@fs.fed.us>, "Krizek, David" <David.Krizek@tetrattech.com>

Subject

Meeting on Reclamation Plan

Debbie –

I spoke with David yesterday regarding a meeting on the Reclamation Plan items and based on the work that has been completed I think that we would be better off not meeting this week. I have forwarded your shape files to David for consideration and will chat with him either this afternoon or early next week. I propose that we review the possibility of meeting the week of the 15th so that some forward momentum will be made prior to sitting down for discussion as I understand you are unavailable next week.

Regards,  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@rosemontcopper.com

Rosemont Copper Company

P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Sun Jun 21 2009 10:04:52 EDT  
**To:** <sshafiqullah@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>; <ccoyle@swca.com>  
**Subject:** FW: Rosemont Impact Analysis - Dry Stack Tailings Design Report Questions  
**Attachments:** 2009-06-05\_Ortman\_Shaffiqullah et al\_Dry Stack Tail Questions\_memo.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Salek & Bev,

Forwarding a copy of my email of June 5 regarding questions to be addressed by Rosemont/AMEC regarding the seepage study in the final design report for the dry stack tailings facility. Please acknowledge receipt of the memo and let me know the disposition of the questions.

Thanks,

Dale

From: Dale Ortman PE [mailto:daleortmanpe@live.com]  
Sent: Friday, June 05, 2009 11:08 AM  
To: 'sshafiqullah@fs.fed.us'; 'Beverley A Everson'  
Cc: 'Charles Coyle'; 'Melissa Reichard'; 'Tom Furgason'  
Subject: Rosemont Impact Analysis - Dry Stack Tailings Design Report Questions

Salek & Bev,

Attached is a memo presenting draft questions I believe should be addressed by Rosemont regarding the final design report for the dry stack tailings facility. Please review, edit as you see fit, and forward a final set of questions to Rosemont.

Regards,

Dale

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

- 2009-06-05\_Ortman\_Shaffiqullah et al\_Dry

Stack Tail Questions\_memo.pdf

**From:** teresa ann ciapusci/r3/usdafs;nsf;tciapusci@fs.fed.us;smtp  
**Sent:** Thu Apr 01 2010 18:44:17 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Missing documents on web  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev -  
ADEQ is trying to locate two volumes titled (on your handout): AMEC "Dry Stack Tailings Storage Facility Final Design Report" (Tetra Tech). Do you have copies - not on WebEx. Need to post as soon as I get copies.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax



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## NAFTA Tribunal Dismisses Glamis Claim

Office of the Spokesman

Washington, DC

June 9, 2009

A three-member NAFTA arbitration tribunal rejected a \$50 million claim filed by the Canadian mining company, Glamis Gold Ltd., challenging certain actions taken by the Department of the Interior (DOI) and certain measures adopted by the State of California relating to land reclamation in connection with proposed open-pit mining operations. The Office of the Legal Adviser of the Department of State represented the United States in the case.

The claimant, Glamis, submitted its claim to arbitration in 2003, alleging that certain DOI actions and California measures relating to its proposed open-pit gold mine on federal lands in California made development of that project economically infeasible, and deprived it of the value of its investment in that project, in violation of NAFTA investment protections. The tribunal unanimously rejected Glamis' claim and ordered Glamis to pay two-thirds of the arbitration costs.

### Background

The Glamis case concerns the claimant's proposed development of the "Imperial Project," a gold mining operation that was proposed to be located on federal lands in the environmentally sensitive California Desert Conservation Area. Glamis claimed that certain actions taken by the DOI during the permitting process, combined with reclamation requirements adopted by the State of California, made development of the project economically infeasible.

Concurrent with the DOI's review of Glamis' proposed Imperial Project, and in order to address concerns about the potential impact of open-pit metallic mines on the environment and Native American cultural resources, the State of California adopted measures requiring all future open-pit metallic mines to backfill and re-grade the large open pits left on mined lands. Glamis claimed that the actions taken by California, together with alleged delay by the DOI in its review of Glamis' application, violated the provisions of NAFTA Chapter Eleven, which, consistent with international law, ensure a minimum level of treatment and prohibit uncompensated takings of property. Glamis alleged that the California measures were politically motivated and lacked any legitimate public policy basis.

The United States maintained that there was no undue delay in the DOI's review of Glamis' application and that the California reclamation requirements were supported by legitimate public policy goals of protecting the environment and Native American cultural resources.

The tribunal agreed with the United States and rejected Glamis' claim in its entirety. It held that the actions and measures in question were supported by legitimate public policy goals and did not violate the minimum standard of treatment provision of the NAFTA or constitute an expropriation of Glamis' investment.

The members of the tribunal are Michael K. Young, David D. Caron and Kenneth D. Hubbard.

The full text of the award, which the parties received yesterday, will be available on the State Department's website at <http://www.state.gov/s/l/c10986.htm> once the parties make any required redactions of confidential information. Party submissions, *amicus curiae* submissions, hearing transcripts, and other arbitration documents in the Glamis case are also available on this website, subject to redactions of confidential information.

PRN: 2009/570

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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Jun 22 2009 11:39:32 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "melinda d roth" <mroth@fs.fed.us>; "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** FW: Emailing: NAFTA Tribunal Dismisses Glamis Claim  
**Attachments:** NAFTA Tribunal Dismisses Glamis Claim.htm

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

<<NAFTA Tribunal Dismisses Glamis Claim.htm>>

FYI - interesting case where a Canadian mining company was denied monetary damages under NAFTA when the State of California required a proposed open-pit gold mine to be backfilled as part of their reclamation.

"in order to address concerns about the potential impact of open-pit metallic mines on the environment and Native American cultural resources, the State of California adopted measures requiring all future open-pit metallic mines to backfill and re-grade the large open pits left on mined lands"

- NAFTA Tribunal Dismisses Glamis Claim.htm

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Jun 26 2009 18:11:09 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
andrea w campbell/r3/usdafs@fsnotes;arthur s elek/r3/usdafs@fsnotes;ccoyle@swca.com;christopher c leblanc/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnote;john able/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c ellett/r3/usdafs@fsnotes;larry  
**CC:** jones/r3/usdafs@fsnotes;marc kaplan/r3/usdafs@fsnotes;mary m farrell/r3/usdafs@fsnotes;mreichard@swca.com;reta laford/r3/usdafs@fsnotes;robert lefevre/r3/usdafs@fsnotes;s@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami emmett/r3/usdafs@fsnotes;tfurgason@swca.com;walter keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** field meeting next week, July 1  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We will be doing a field trip for the IDT meeting next week, to Sycamore and Schofield Canyons. The trip is important to the whole (extended) team, because we have developed alternatives that put waste and tailings material into the two canyons. I would encourage extended team members to attend if possible, even though this is not an extended team meeting date.

Please RSVP by COB Monday, so that enough vehicles can be arranged for the trip. We'll plan on meeting at 7:00 here in Tucson, though Nogales folks can meet the rest of the group somewhere along the line. More details to come as logistics get worked out.

Thank you -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Re: field meeting next week, July 1

**From:** william b gillespie/r3/usdafs;nsf;wgillespie@fs.fed.us;smtp  
**Sent:** Fri Jun 26 2009 18:44:37 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: field meeting next week, July 1  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I'll plan on being there.

William Gillespie, Archaeologist  
Coronado National Forest  
300 W Congress  
Tucson AZ 85701  
Phone 520-388-8392  
FAX 520-388-8305

Beverley A Everson/R3/USDAFS  
06/26/2009 03:11 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com,  
Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K  
Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES,  
Heidi Schewel/R3/USDAFS@FSNOTE, John Able/R3/USDAFS@FSNOTES, Kendall  
Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES,  
Marc Kaplan/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mreichard@SWCA.com, Reta  
Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, S@FSNOTES, Salek  
Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami  
Emmett/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B  
Gillespie/R3/USDAFS@FSNOTES  
Subject  
field meeting next week, July 1

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Re: field meeting next week, July 1

7:00 here in Tucson, though Nogales folks can meet the rest of the group somewhere along the line. More details to come as logistics get worked out.

Thank you -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

Re: field meeting next week, July 1

**From:** mary m farrell/r3/usdafs;nsf;mfarrell@fs.fed.us;smtp  
**Sent:** Fri Jun 26 2009 19:03:59 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** christopher c leblanc/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Re: field meeting next week, July 1  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev, I will plan to go on this field trip.

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

Beverley A Everson/R3/USDAFS  
06/26/2009 03:11 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com,  
Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K  
Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES,  
Heidi Schewel/R3/USDAFS@FSNOTE, John Able/R3/USDAFS@FSNOTES, Kendall  
Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES,  
Marc Kaplan/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mreichard@SWCA.com, Reta  
Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, S@FSNOTES, Salek  
Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami  
Emmett/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B  
Gillespie/R3/USDAFS@FSNOTES  
Subject  
field meeting next week, July 1

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Re: field meeting next week, July 1

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Thank you -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

Re: field meeting next week, July 1

**From:** eli curiel/r3/usdafs;nsf;ecuriel@fs.fed.us;smtp  
**Sent:** Fri Jun 26 2009 19:44:48 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: field meeting next week, July 1  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Plan on Amy and myself joining. I have my own rig.

Eli Curiel Jr., P.E.  
Environmental/Transportation Engineering  
Coronado National Forest Office: 520.388.8413  
300 W. Congress FAX: 520.388.8332  
Tucson, AZ 85701 Cell: 520.444.0307

Beverley A Everson/R3/USDAFS  
06/26/2009 03:11 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com,  
Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K  
Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES,  
Heidi Schewel/R3/USDAFS@FSNOTE, John Able/R3/USDAFS@FSNOTES, Kendall  
Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES,  
Marc Kaplan/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mreichard@SWCA.com, Reta  
Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, S@FSNOTES, Salek  
Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami  
Emmett/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B  
Gillespie/R3/USDAFS@FSNOTES  
Subject  
field meeting next week, July 1

We will be doing a field trip for the IDT meeting next week, to Sycamore and Schofield Canyons. The trip is important to the whole (extended) team, because we have developed alternatives that put waste and tailings material into the two canyons. I would encourage extended team members to attend if possible, even though this is not an extended team meeting date.

Please RSVP by COB Monday, so that enough vehicles can be arranged for the trip. We'll plan on meeting at

Re: field meeting next week, July 1

7:00 here in Tucson, though Nogales folks can meet the rest of the group somewhere along the line. More details to come as logistics get worked out.

Thank you -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** roger d congdon/r3/usdafs;nsf;rcongdon@fs.fed.us;smtp  
**Sent:** Thu Jun 11 2009 10:34:49 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** MODFLOW files  
**Attachments:**

**Importance:** Normal  
**Priority:** Normal  
**Sensitivity:** None

Hi Bev,

I have the west side modeling report, which I am reviewing. I would really like to see their MODFLOW input files (the ones that end in things like .BA6, .BC6, .nam, etc. They'll know what I'm talking about). The company, or SWCA says that you have to authorize that data transfer. If I'm to properly evaluate what they did, I will need the input files. They should give them to me routinely.

Let me know if there are any problems/issues with this request.

Thanks a bunch.

Roger

Roger D. Congdon, PhD  
Hydrogeologist  
USDA Forest Service  
333 Broadway Blvd SE  
Albuquerque, NM 87102  
(505)842-3835  
FAX: (505)842-3152

Re: field meeting next week, July 1

**From:** eli curiel/r3/usdafs;nsf;ecuriel@fs.fed.us;smtp  
**Sent:** Fri Jun 26 2009 19:46:49 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: field meeting next week, July 1  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Sorry, I forgot I had an MVUM online training class that day...Amy can go with Walt in his jeep.

Eli Curiel Jr., P.E.  
Environmental/Transportation Engineering  
Coronado National Forest Office: 520.388.8413  
300 W. Congress FAX: 520.388.8332  
Tucson, AZ 85701 Cell: 520.444.0307

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06/26/2009 03:11 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com,  
Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K  
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Heidi Schewel/R3/USDAFS@FSNOTE, John Able/R3/USDAFS@FSNOTES, Kendall  
Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES,  
Marc Kaplan/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mreichard@SWCA.com, Reta  
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Gillespie/R3/USDAFS@FSNOTES  
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Bev

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Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Jun 29 2009 12:16:07 EDT  
**To:** "melissa reichard" <mreichard@swca.com>  
"mary m farrell" <mfarrell@fs.fed.us>;"suzanne grisette" <sgrisset@swca.com>;"teresa ann ciapusci"  
**CC:** <tciapusci@fs.fed.us>;"tom furgason" <tfurgason@swca.com>;beverley a everson/r3/usdafs@fsnotes;melinda d  
roth/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes  
**Subject:** RE: 1950-3/2360/2800; transmit Rosemont archaeology report  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Melissa needs all originals and all electronic versions.

Generally, for the record we need 1) the original document for the hard copy of the official record, 2) an electronic copy (scanned) that contains the real signature for the official record (that is not shared with the public), and 3) an electronic version for public posting electronically that does not have a "real" signature (for privacy). Tribal and archeological info is treated differently when there is sensitive information like details about sites or culturally significant places or practices. It is part of the record, but is not public info. My experience has been that this sensitive stuff is included in the record and is either sealed and marked "confidential" or has a placeholder in the record but resides separately. I would think that basic letters to and from tribes that contain no specific information should be part of the public record. If a tribe is sensitive to privacy, I would say leave it out when in doubt. I will check with others and share a definitive answer ASAP.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

"Melissa Reichard" <mreichard@swca.com>  
06/26/2009 01:26 PM

To  
"Mary M Farrell" <mfarrell@fs.fed.us>, "Melinda D Roth" <mroth@fs.fed.us>, "Teresa Ann Ciapusci"  
<tciapusci@fs.fed.us>  
cc  
"Suzanne Grisette" <sgrisset@swca.com>, "Tom Furgason" <tfurgason@swca.com>  
Subject  
RE: 1950-3/2360/2800; transmit Rosemont archaeology report

Mary-

I really appreciate your attention to the record!! That is a great question. Honestly, I'm not sure if any requirements are different for Tribal Consult., but I think I should get hard copies of signed letters that are going out for each tribe. I will also need the word copy for the electronic file. Since I have not received formal direction, I will defer to Mindee or TA.

What do you ladies think?

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Mary M Farrell [mailto:mfarrell@fs.fed.us]  
Sent: Friday, June 26, 2009 12:45 PM  
To: Melissa Reichard  
Cc: Suzanne Griset  
Subject: Fw: 1950-3/2360/2800; transmit Rosemont archaeology report

Hi, Melissa,

This is one example of the letters being mailed today to transmit the archaeology report. Do you want the rest of them in this electronic format, or would you prefer just the hard copies? or?

Mary

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

----- Forwarded by Mary M Farrell/R3/USDAFS on 06/26/2009 12:37 PM -----

Mailroom R3 Coronado  
Sent by: Karina Montez/R3/USDAFS  
06/26/2009 09:51 AM

To  
Mary M Farrell/R3/USDAFS@FSNOTES, Reta Laford/R3/USDAFS@FSNOTES  
cc

Subject  
1950-3/2360/2800; transmit Rosemont archaeology report

The following Correspondence is archived in the Records database. Any enclosures will follow the letter in this message.

To open this document in the Records database, click on this link ->[Link](#)

To access all documents in the National Records Database, click on this link ->[Link](#)

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Jun 29 2009 13:19:53 EDT  
**To:**  
**CC:** beverley a everson/r3/usdafs@fsnotes;"mary m farrell" <mfarrell@fs.fed.us>;"melissa reichard" <mreichard@swca.com>;sarah l davis/r3/usdafs@fsnotes;"suzanne grisette" <sgrisset@swca.com>;"tom furgason" <tfurgason@swca.com>;melinda d roth/r3/usdafs@fsnotes  
**Subject:** RE: 1950-3/2360/2800; transmit Rosemont archaeology report  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

My note below, if clear, is accurate. A couple of additional details: Melissa needs any green or white cards for certified and return receipt mailings. She also needs any attachments and the original and electronic copies of any hardcopy CCs (electronic CCs - emails- not needed). Sarah Davis is the primary FS employee for the Project Record and questions should go to her.

Thanks everyone. It will be very important to get this record started on the right foot.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Melinda D Roth/R3/USDAFS  
06/29/2009 09:16 AM

To  
"Melissa Reichard" <mreichard@swca.com>  
cc  
"Mary M Farrell" <mfarrell@fs.fed.us>, "Suzanne Grisette" <sgrisset@swca.com>, "Teresa Ann Ciapusci" <tciapusci@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>, Beverley A Everson/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES  
Subject  
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"Melissa Reichard" <mreichard@swca.com>  
06/26/2009 01:26 PM

To  
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cc  
"Suzanne Griset" <sgriset@swca.com>, "Tom Furgason" <tfurgason@swca.com>  
Subject  
RE: 1950-3/2360/2800; transmit Rosemont archaeology report

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Sent: Friday, June 26, 2009 12:45 PM  
To: Melissa Reichard  
Cc: Suzanne Griset  
Subject: Fw: 1950-3/2360/2800; transmit Rosemont archaeology report

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To access all documents in the National Records Database, click on this link ->[Link](#)

RE: Rosemont

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Fri Jun 12 2009 08:44:40 EDT  
**To:** ""jerome hesse" <jhesse@swca.com>; <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: Rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I like this approach as it is likely, perhaps with just a little expansion, to encompass alternatives as well as the MPO, and it allows most disciplines to use a common spatial bound or at least have a common component to their spatial bounds.

Dale

From: Jerome Hesse [mailto:jhesse@swca.com]  
Sent: Thursday, June 11, 2009 4:15 PM  
To: Dale Ortman PE; beverson@fs.fed.us  
Subject: FW: Rosemont

Dale/Bev,

Your opinion on whether this is good, or would you rather it match the mine footprint?

Thanks,

Jerome

From: Lara Mitchell  
Sent: Thursday, June 11, 2009 3:55 PM  
To: Jerome Hesse  
Subject: Rosemont

Attached is the geology bounds of analysis map for your review. Please let me know if you have any edits.

-Lara

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Mon Jun 29 2009 13:47:23 EDT  
**To:** "reta laford" <rlafor@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tom furgason" <tfurgason@swca.com>  
**Subject:** Conflicting SR feedback- Please clarify  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Ladies-

I hope you all had a nice weekend! There were just a couple things that were given to us from your feedback that we needed help with. So, could you please decide what your final preference is.

Scoping Report 1- Figure 3- Reta stated to change the "Proposed Mine Footprint" text box to "Rosemont Copper Project". Mindee and Bev asked to relabel it "Proposed Project Footprint" Comments from Mindee and Bev suggested moving this figure to follow discussion of public hearings on next page. Reta made no request. It is SWCA standard that a figure explaining any text follow the first page discussing the subject. Page 8 begins the discussion of the scoping meetings and their locations with the corresponding figure on page 9. It is our recommendation that the figure remain as it is currently located.

If you have time to discuss this as soon as possible, it would be appreciated. We are trying to get this one wrapped up and back through our QAQC process this afternoon.

Thanks!!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

| <b>Title</b>                                                                                                                         | <b>Category</b> | <b>Electronic copy</b> | <b>Hard Copy</b> |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------|------------------|
| Rosemont Copper Contractor Health & Safety Manual                                                                                    | Company         | x                      | x                |
| Comprehensive NEPA Training Presentation- April 2008                                                                                 | General         |                        | x                |
| Glamis Gold Ltd. V. United States Court Appeal                                                                                       | General         |                        | x                |
| Oversight Field Hearing on "Our National Forests at Risk: The 1872 Mining Law and its Impact on the Santa Rita Mountains of Arizona" | General         |                        | x                |
| US Congress Handbook 2007                                                                                                            | General         |                        | x                |
| ADEQ Mining Guidance Manual, BADCT                                                                                                   | Guidance        |                        | x                |
| CEQ Executive Memo- Designation of Non-Federal Agencies to be Coop. Agencies                                                         | Guidance        | x                      |                  |
| CEQ Memorandum for General Counsels, NEPA Liaisons & Participants in Scoping                                                         | Guidance        |                        |                  |
| CEQ's Citizen's Guide to NEPA                                                                                                        | Guidance        |                        | x                |
| CEQ's Collaboration Guide to NEPA                                                                                                    | Guidance        |                        | x                |
| Federal Register document Drafting Handbook                                                                                          | Guidance        |                        | x                |
| Forest Plan Implementation Course 1900.01                                                                                            | Guidance        | x                      | x                |
| Forest Service File Designation Reference Guide                                                                                      | Guidance        |                        | x                |
| Forest Service Guide to Forest Service Directives                                                                                    | Guidance        |                        |                  |
| Forest Service Region 3 Admin Record Guidance                                                                                        | Guidance        |                        | x                |
| Forest Service Region 3 Coop. Agency Guidance                                                                                        | Guidance        | x                      |                  |
| Forest Service Region 3 NEPA Climate Change Guidance                                                                                 | Guidance        | x                      |                  |
| Forest Service Training Guide for Mineral Plans                                                                                      | Guidance        | x                      |                  |
| National Finance Center Budget Code Guide                                                                                            | Guidance        | x                      | x                |
| Carlota Copper Project- Fatal Flaws Analysis                                                                                         | Other EIS       |                        |                  |
| Carlota EIS vol. I                                                                                                                   | Other EIS       |                        | x                |
| Carlota EIS vol. II                                                                                                                  | Other EIS       |                        | x                |
| Carlota EIS vol. III                                                                                                                 | Other EIS       |                        | x                |
| Cooke City Area Mineral Withdrawal EIS- Final                                                                                        | Other EIS       |                        | x                |
| Cyprus Miami Leach Facility Expansion MPO                                                                                            | Other EIS       |                        |                  |
| Cyprus Miami Leach Facility Expansion Project EIS- Final                                                                             | Other EIS       |                        |                  |
| Cyprus Miami Leach Facility Expansion Project ROD                                                                                    | Other EIS       |                        |                  |
| Dos Pobres EIS vol. I                                                                                                                | Other EIS       |                        | x                |
| Dos Pobres EIS vol. II                                                                                                               | Other EIS       |                        | x                |
| Dos Pobres MPO                                                                                                                       | Other EIS       |                        | x                |
| Dos Pobres Record of Decision                                                                                                        | Other EIS       |                        | x                |
| Freeport MacMoRan Mitigation for Copper Queen                                                                                        | Other EIS       |                        | x                |
| Freeport MacMoRan Mitigation for Sierrita                                                                                            | Other EIS       |                        | x                |
| Kennecott Tailing Modernization project EIS vol. I- Final                                                                            | Other EIS       |                        | x                |
| Kennecott Tailing Modernization project EIS vol. II- Final                                                                           | Other EIS       |                        | x                |
| Morenci Land Exchange EIS- Draft                                                                                                     | Other EIS       |                        | x                |
| Morenci Land Exchange EIS- Final                                                                                                     | Other EIS       |                        | x                |
| Ray Land Exchange EIS- Final                                                                                                         | Other EIS       |                        | x                |
| Three Oaks Mine Draft EIS                                                                                                            | Other EIS       |                        | x                |
| Tusayan Growth EIS- Draft                                                                                                            | Other EIS       |                        | x                |
| Phone Hotline Transcript                                                                                                             | Record          |                        |                  |
| Scoping Hearing Transcript- Elgin                                                                                                    | Record          |                        |                  |
| Scoping Hearing Transcript- Sahuarita                                                                                                | Record          |                        |                  |

| <b>Title</b>                                                                 | <b>Category</b> | <b>Electronic copy</b> | <b>Hard Copy</b> |
|------------------------------------------------------------------------------|-----------------|------------------------|------------------|
| Scoping Hearing Transcript- Tucson                                           | Record          |                        |                  |
| SWCA SOQ May 2008                                                            | Record          |                        |                  |
| 1872 Mining Law-30USC22                                                      | Regulations     | x                      | x                |
| 1920 Mineral Leasing Act-30USC181                                            | Regulations     | x                      | x                |
| 1947 Mineral Materials Act-30USC601                                          | Regulations     | x                      | x                |
| ADWR Designation of Groundwater Basins ARS Section 45-403                    | Regulations     |                        | x                |
| Antiquities Act 1906- 16USC431-433                                           | Regulations     | x                      |                  |
| Archaeological Resource Protection Act- 16USC470a-mm                         | Regulations     | x                      |                  |
| Arizona Administrative Code Title 11 Ch.1- State Mine Inspector              | Regulations     | x                      |                  |
| Arizona Administrative Code Title 11 Ch.2- Mined Land Reclamation            | Regulations     | x                      |                  |
| Arizona Administrative Code Title 18- Environmental Quality                  | Regulations     | x                      | x                |
| Arizona Ambient Air Quality Guidelines                                       | Regulations     | x                      | x                |
| Arizona Environmental Quality Act                                            | Regulations     |                        |                  |
| Arizona Executive Order 89-16                                                | Regulations     | x                      |                  |
| Arizona Executive Order 91-6                                                 | Regulations     | x                      |                  |
| Arizona Mined Lands Reclamation Act- ARS27-901                               | Regulations     |                        |                  |
| Arizona Pollutant Discharge Elimination System- 18AAC9 art.9                 | Regulations     |                        |                  |
| Arizona State Legislature 11-830- Restriction on regulation                  | Regulations     |                        |                  |
| Arizona State Mining Code Title 27                                           | Regulations     |                        |                  |
| ATF Explosives Regs 27CFR555                                                 | Regulations     | x                      | x                |
| BLM Arizona Mining Summit Guide to Permitting Mining                         | Regulations     | x                      | x                |
| Bonkhead-Jones Act- 7USC427                                                  | Regulations     |                        |                  |
| CEQ NEPA Implementation Regulations 40 CFR 1500-1508                         | Regulations     |                        | x                |
| Clean Air Act                                                                | Regulations     | x                      | x                |
| Clean Water Act- 33USC1251                                                   | Regulations     |                        |                  |
| Comprehensive Environmental Response, Compensation & Liability Act- 42USC103 | Regulations     |                        |                  |
| Coronado National Forest Plan                                                | Regulations     | x                      | x                |
| DOD Ammunition & Explosives Safety Standards                                 | Regulations     |                        | x                |
| Emergency Planning & Community Right-to-Know Act- 42USC11001-11050           | Regulations     |                        |                  |
| Endangered Species Act- 16USC1531                                            | Regulations     | x                      |                  |
| Energy Security Act 1980-42USC8801                                           | Regulations     | x                      | x                |
| EPA Regional Haze Regulations- 40CFR Part 51                                 | Regulations     |                        | x                |
| Executive Order 11987                                                        | Regulations     | x                      |                  |
| Executive Order 11988                                                        | Regulations     | x                      |                  |
| Executive Order 11990                                                        | Regulations     | x                      |                  |
| Executive Order 12898                                                        | Regulations     | x                      |                  |
| Executive Order 13007                                                        | Regulations     | x                      |                  |
| Executive Order 13112                                                        | Regulations     | x                      |                  |
| Federal Land Exchange Facilitation Act- 43USC2301                            | Regulations     |                        |                  |
| Federal Land Policy & Management Act 1976- 43USC1701                         | Regulations     | x                      |                  |

| <b>Title</b>                                                                    | <b>Category</b> | <b>Electronic copy</b> | <b>Hard Copy</b> |
|---------------------------------------------------------------------------------|-----------------|------------------------|------------------|
| Federal Mine Safety & Health Act 1977- 30USC801et seq.                          | Regulations     | x                      |                  |
| Fish & Wildlife Coordination Act- 16USC661-667e                                 | Regulations     |                        |                  |
| FOIA Regulations                                                                | Regulations     |                        | x                |
| Forest & Rangeland Renewable Resource Management Act- 16USC1600-1614            | Regulations     |                        |                  |
| Forest Highways Act 1958-23USC101                                               | Regulations     | x                      | x                |
| Forest Reserve Organic Act 1897- 26Stat1095                                     | Regulations     |                        |                  |
| Forest Service Handbook Chapter 20- EIS                                         | Regulations     | x                      |                  |
| Forest Service Mineral Regulations 36 CFR 228                                   | Regulations     | x                      | x                |
| Migratory Bird Treaty Act- 16USC701-719c                                        | Regulations     |                        |                  |
| Mineral Leasing Act for Acquired Lands-30USC351                                 | Regulations     | x                      | x                |
| Mining & Minerals Policy Act 1970-30USC21a                                      | Regulations     | x                      | x                |
| Multiple Use Mining Act 1955-30USC611                                           | Regulations     | x                      | x                |
| Multiple Use, Sustained Yield Act 1960-16USC528                                 | Regulations     | x                      | x                |
| National Ambient Air Quality Standards                                          | Regulations     |                        | x                |
| National Environmental Policy Act- 42USC4321                                    | Regulations     |                        |                  |
| National Forest Management Act 1976-16USC472                                    | Regulations     | x                      | x                |
| National Historic Preservation Act- 16USC470                                    | Regulations     | x                      |                  |
| National Materials & Mineral Policy, Research & Development Act- 30USC1601-1605 | Regulations     | x                      |                  |
| Native American Graves Protection & Repatriation Act- 25USC3001                 | Regulations     |                        |                  |
| NOAA Atlas 14, Vol. 1                                                           | Regulations     | x                      | x                |
| Organic Administration Act-16USC473                                             | Regulations     | x                      | x                |
| Pima County Code Title 17 Air Quality Control                                   | Regulations     | x                      | x                |
| Pollution Prevention Act- 42USC13101                                            | Regulations     |                        |                  |
| Resource Conservation & Recovery Act- 42USC6901                                 | Regulations     | x                      |                  |
| Safe Drinking Water Act- 42USC300j-9                                            | Regulations     | x                      |                  |
| Surface Mining Control & Reclamation Act 1977- 30USC1201                        | Regulations     | x                      | x                |
| US Code Title 16 Sec. 1-1450 (2000 ed.)                                         | Regulations     | x                      |                  |
| US Code Title 30- Mineral lands & Mining                                        | Regulations     | x                      | x                |
| US Mining Law of 1872- Summary from Federal Wildlife Laws Handbook              | Regulations     |                        | x                |
| Weeks Act-16USC521a                                                             | Regulations     | x                      | x                |
| Wild & Scenic Rivers Act 1968- 16USC1271-1287                                   | Regulations     | x                      |                  |
| Agave Survey- March 09                                                          | Tech Reports    | x                      | x                |
| Ambient Air Quality Report- April 09                                            | Tech Reports    | x                      |                  |
| Economic Study by Rosemont                                                      | Tech Reports    |                        | x                |
| Economic Study by Sonoran Institute                                             | Tech Reports    |                        | x                |
| Greenhouse Studies- Phase I Final                                               | Tech Reports    | x                      | x                |
| Greenhouse Studies- Phase II Final                                              | Tech Reports    | x                      | x                |
| Greenhouse Studies- Phase II Preliminary                                        | Tech Reports    | x                      | x                |

| <b>Title</b>                           | <b>Category</b> | <b>Electronic copy</b> | <b>Hard Copy</b> |
|----------------------------------------|-----------------|------------------------|------------------|
| Lesser Long-Nosed Bat Survey- March 09 | Tech Reports    | x                      | x                |
| Noise- Supplemental Study- April 09    | Tech Reports    | x                      | x                |
| Pima County Groundwater Model          | Tech Reports    |                        | x                |
| Pima Pineapple Cactus Survey- March 09 | Tech Reports    | x                      | x                |
| Traffic Analysis Report- April 09      | Tech Reports    | x                      |                  |

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Thu Jun 11 2009 17:22:59 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** FW: FW: Laws & Regs  
**Attachments:** Reference Library Index.xls

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, May 19, 2009 1:35 PM  
To: Charles Coyle  
Cc: Dale Ortman PE; jable@fs.fed.us; Melissa Reichard; Reta Laford; Teresa Ann Ciapusci; Tom Furgason  
Subject: Re: FW: Laws & Regs

Hi Everyone,

I reviewed this list, and have some comments from the mining law perspective, as follows:

The Mineral Materials Act of 1947 provides for disposal of salable minerals such as sand and gravel, and common varieties of certain minerals, such as limestone used for landscaping or construction. It doesn't pertain to locatable minerals such as the metals that Rosemont is proposing to mine and process.

The 1920 Mineral Leasing Act pertains to the leasing of energy minerals, such as coal, oil and gas, not to locatable minerals.

The Mineral Leasing Act for Acquired Lands pertains to minerals on lands acquired by the Federal government through exchange or donation, not to public domain lands such as those in the Rosemont project area.

The Surface Mining Control and Reclamation Act of 1977 pertains to coal.

These four acts should be removed from the list.

I'm not sure how the Weeks Act or the Bankhead Jones Act relate to Rosemont. Can anyone tell me what the reasoning was for including these in the list?

Bev

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

"Charles Coyle" <ccoyle@swca.com>

05/19/2009 09:44 AM

To

<jable@fs.fed.us>, "Beverley A Everson" <beverson@fs.fed.us>, "Teresa Ann Ciapusci"  
<tciapusci@fs.fed.us>, "Reta Laford" <rlaford@fs.fed.us>

cc

"Tom Furgason" <tfurgason@swca.com>, "Melissa Reichard" <mreichard@swca.com>, "Dale Ortman PE"  
<daleortmanpe@live.com>

Subject

FW: Laws & Regs

John et al.,

Attached is that reference library list I was referring to. You'd have to check with Melissa re: whether this has been subsequently updated.

- Charles

From: Melissa Reichard  
Sent: Tuesday, April 21, 2009 11:29 AM  
To: Tom Furgason; Charles Coyle; Dale Ortman PE  
Subject: Laws & Regs

I highlighted the Regs & laws in yellow. This is the complete list from John as well as a few that I have found referenced at some point in the past year and a half. You will note that I separated out what I called Guidance, as those items didn't necessarily meet what I thought the Forestis looking for. Please let me know what is missing. I am continuing to compile all the source docs.

Thanks!

Melissa Reichard  
Project Administrator  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes  
- Reference Library Index.xls

Re: Conflicting SR feedback- Please clarify

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Jun 29 2009 14:29:35 EDT  
**To:** "melissa reichard" <mreichard@swca.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "tom furgason" <tfurgason@swca.com>  
**Subject:** Re: Conflicting SR feedback- Please clarify  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

On figure 3, Reta's comment was to delete the title in the legend box. I'm fine with the location as is. Is your first question about Fig. 1?

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

"Melissa Reichard" <mreichard@swca.com>

06/29/2009 10:47 AM

To  
"Reta Laford" <rlaford@fs.fed.us>, "Melinda D Roth" <mroth@fs.fed.us>, "Beverley A Everson" <beverson@fs.fed.us>  
cc  
"Tom Furgason" <tfurgason@swca.com>  
Subject  
Conflicting SR feedback- Please clarify

Hi Ladies-

I hope you all had a nice weekend! There were just a couple things that were given to us from your feedback that we needed help with. So, could you please decide what your final preference is.

1. Scoping Report 1- Figure 3- Reta stated to change the "Proposed Mine Footprint" text box to "Rosemont Copper Project". Mindee and Bev asked to relabel it "Proposed Project Footprint"
2. Comments from Mindee and Bev suggested moving this figure to follow discussion of public

hearings on next page. Reta made no request. It is SWCA standard that a figure explaining any text follow the first page discussing the subject. Page 8 begins the discussion of the scoping meetings and their locations with the corresponding figure on page 9. It is our recommendation that the figure remain as it is currently located.

If you have time to discuss this as soon as possible, it would be appreciated. We are trying to get this one wrapped up and back through our QAQC process this afternoon.

Thanks!!

Melissa Reichard  
Project Administrator  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

RE: field meeting next week, July 1

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Jun 29 2009 14:13:21 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: field meeting next week, July 1  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Three people from SWCA will attend.

Tom

From: Beverley A Everson[mailto:beverson@fs.fed.us]  
Sent: Friday, June 26, 2009 3:11 PM  
To: Beverley A Everson  
Cc: Andrea W Campbell; Arthur S Elek; Charles Coyle; Christopher C LeBlanc; Debby Kriegel; Deborah K Sebesta; Eli Curiel; George McKay; Heidi Schewel; John Able; Kendall Brown; Kent C Ellett; Larry Jones; Marc Kaplan; Mary M Farrell; Melissa Reichard; Reta Laford; Robert Lefevre; S; Salek Shafiqullah; Sarah L Davis; Tami Emmett; Tom Furgason; Walter Keyes; William B Gillespie  
Subject: field meeting next week, July 1

We will be doing a field trip for the IDT meeting next week, to Sycamore and SchofieldCanyons. The trip is important to the whole (extended) team, because we have developed alternatives that put waste and tailings material into the two canyons. I would encourage extended team members to attend if possible, even though this is not an extended team meeting date.

Please RSVP by COB Monday, so that enough vehicles can be arranged for the trip. We'll plan on meeting at 7:00 here in Tucson, though Nogalesfolks can meet the rest of the group somewhere along the line. More details to come as logistics get worked out.

Thank you -

Bev

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest

RE: field meeting next week, July 1

300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Jun 29 2009 14:25:59 EDT  
**To:** "dale ortman pe" <daleortmanpe@live.com>; <sshafiqullah@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>  
**Subject:** RE: Rosemont Impact Analysis - Dry Stack Tailings Design Report Questions  
**Attachments:** 2009-06-05\_Ortman\_Shaffiqullah et al\_Dry Stack Tail Questions\_memo.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev and Salek,

We really need to get some direction on Dale's memo on Dry Stack Tailings Design report before we can define SRK's scope of work and get them going on this. When can we expect your comments? Thanks.

Tom

From: Dale Ortman PE [mailto:daleortmanpe@live.com]  
Sent: Sunday, June 21, 2009 7:05 AM  
To: sshafiqullah@fs.fed.us; 'Beverley A Everson'  
Cc: Tom Furgason; Charles Coyle  
Subject: FW: Rosemont Impact Analysis - Dry Stack Tailings Design Report Questions

Salek & Bev,

Forwarding a copy of my email of June 5 regarding questions to be addressed by Rosemont/AMEC regarding the seepage study in the final design report for the dry stack tailings facility. Please acknowledge receipt of the memo and let me know the disposition of the questions.

Thanks,

Dale

From: Dale Ortman PE [mailto:daleortmanpe@live.com]  
Sent: Friday, June 05, 2009 11:08 AM  
To: 'sshafiqullah@fs.fed.us'; 'Beverley A Everson'  
Cc: 'Charles Coyle'; 'Melissa Reichard'; 'Tom Furgason'  
Subject: Rosemont Impact Analysis - Dry Stack Tailings Design Report Questions

Salek & Bev,

Attached is a memo presenting draft questions I believe should be addressed by Rosemont regarding the final design report for the dry stack tailings facility. Please review, edit as you see fit, and forward a final set of questions to Rosemont.

Regards,

Dale

---

Dale Ortman PE

Consulting Engineer

(520) 896-2404 - Office

(520) 449-7307 - Mobile

daleortmanpe@live.com

PO Box1233

Oracle, AZ 85623

- 2009-06-05\_Ortman\_Shaffiqullah et al\_Dry Stack Tail Questions\_memo.pdf

Re: field meeting next week, July 1

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Mon Jun 29 2009 16:27:21 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: field meeting next week, July 1  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I can attend the field trip. Sounds informative.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

Beverley A Everson/R3/USDAFS  
06/26/2009 04:11 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, ccoyle@swca.com,  
Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K  
Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES,  
Heidi Schewel/R3/USDAFS@FSNOTE, John Able/R3/USDAFS@FSNOTES, Kendall  
Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES,  
Marc Kaplan/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, mreichard@SWCA.com, Reta  
Laford/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, S@FSNOTES, Salek  
Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami  
Emmett/R3/USDAFS@FSNOTES, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B  
Gillespie/R3/USDAFS@FSNOTES  
Subject  
field meeting next week, July 1

We will be doing a field trip for the IDT meeting next week, to Sycamore and Schofield Canyons. The trip is important to the whole (extended) team, because we have developed alternatives that put waste and tailings material into the two canyons. I would encourage extended team members to attend if possible, even though this is not an extended team meeting date.

Please RSVP by COB Monday, so that enough vehicles can be arranged for the trip. We'll plan on meeting at 7:00 here in Tucson, though Nogales folks can meet the rest of the group somewhere along the line. More details to come as logistics get worked out.

Thank you -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Jun 30 2009 15:14:39 EDT  
**To:** "reta laford" <rlafor@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>  
**CC:** "heidi orcutt-gachiri" <hgachiri@swca.com>; "camille ensle" <censle@swca.com>; "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** FW: Some style q's for Rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Reta, Bev, and Mindee,

Our editor has raised some questions regarding formatting and editing standards. Can you please provide further direction on these? Thanks.

Tom

- 1) CNF is requesting that we insert the entire name of a figure and a table when we call them out in the text, e.g., (Figure 1. Project location). Would the CNF be willing to reconsider this? In the EIS, it may get out of control in terms of length and clunkiness, and whatever we do for the scoping reports that is the style we should keep for the EIS.
- 2) Regarding lowercasing the table titles, and I do not recall seeing anything in their style guide with that requirement—I might be wrong about that, but capping the titles is standard for the field and for every EIS I have ever seen, including for multiple national forests. Please advise.
- 3) CNF is suggesting that we consider changing our appendix title page style so that we do not have a title page and instead we just put Appendix A as a header. I wouldn't recommend it because having the appendix title page helps the reader to better identify the beginning and end of each appendix.
- 4) There seems to be confusion about footnotes. In the edited draft, the footnotes are all correctly placed in the text and footer. I fixed them, but if CNF has any further questions about footnotes, let me know before we change anything because they are a mess to sort out once the in-text reference has been deleted. I have to go back to an old version then to figure out where it was originally.

5) For the table of contents, CNF asked us to use leaders (dots) for the Appendix page numbers so that that section matches the figure and table section. The first page of an appendix is always the appendix letter and then 1, so we never put page numbers for appendices. No one does, actually. Would the CNF consider striking this request?

6) I have verified that CNF's own template uses title case for tables, not sentence style, so I am changing all title headings back to title case. I can show you the document if needed. Also, there is nothing in their documents about having to put the entire figure or table name in the callout, so I see no reason to do this—it is just introducing a substantial amount of work into the document, especially when we get to a document the size of the EIS.

7) Some colon stuff: CNF wants colons after 'to,' and 'will,' but we can't put a colon after to (or will for the other bullets) because it has to have 'as follows' or 'the following' in order to use a colon. If they want colons, then they need to let me add 'do the following' to all of these sets, and then we can use a colon. I will go ahead and add that in, but they will probably want to remove it and we can't.

This first report is intended to

.....The second scoping report, Scoping Summary Report #2, Theme of Comments, will explain the content analysis process and provide an overview of the prominent themes identified in the public comments. The report will

...

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Jun 30 2009 15:16:45 EDT  
**To:** "reta laford" <rlaford@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>  
**CC:** "heidi orcutt-gachiri" <hgachiri@swca.com>; "camille ensle" <censle@swca.com>; "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** More style q's for Rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here are a few more clarifications:

- 1) CNF deleted the periods from the figure captions, but they need to be there, so I added them back in.
- 2) For indented quotes, they indented the right margin, but this is not correct. The right margin should be flush right ('normal') for indented text—only the left margin gets indented.

From: Tom Furgason  
Sent: Tuesday, June 30, 2009 12:15 PM  
To: Reta Laford; 'Beverley A Everson'; 'Melinda D Roth'  
Cc: Heidi Orcutt-Gachiri; Camille Ensle; Charles Coyle; Melissa Reichard  
Subject: FW: Some style q's for Rosemont

Reta, Bev, and Mindee,

Our editor has raised some questions regarding formatting and editing standards. Can you please provide further direction on these? Thanks.

Tom

- 1) CNF is requesting that we insert the entire name of a figure and a table when we call them out in the text, e.g., (Figure 1. Project location). Would the CNF be willing to reconsider this? In the EIS, it may get out of control in terms of length and clunkiness, and whatever we do for the scoping reports that is the style we should keep for the EIS.
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This first report is intended to

.....The second scoping report, Scoping Summary Report #2, Theme of Comments, will explain the content analysis process and provide an overview of the prominent themes identified in the public comments. The report will

...



**From:** "brian lindenlaub" <blindenlaub@westlandresources.com>  
**Sent:** Fri Feb 15 2008 15:26:29 EST  
**To:** <karnold@augustaresource.com>; "beverley a everson" <beverson@fs.fed.us>; "keith l graves" <klgraves@fs.fed.us>; "jamie sturgess" <jsturgess@augustaresource.com>; "jamie monte" <jamie.monte@tetrattech.com>; "jim davis" <jdavis@elmontgomery.com>; "christopher c leblanc" <cobleblanc@fs.fed.us>  
**CC:**  
**Subject:** RE: Rosemont Drilling Plan of Operations  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

All,

Some question has arisen as to the precise well and borehole locations proposed in the "Plan of Operations: Rosemont Project Hydrologic and Geotechnical Drilling Operations" (the Plan), particularly the nested wells. Please bear in mind that, given the scale of the provided figure and the size of the well and borehole symbols, the figure may provide a slightly misleading sense of the actual proposed hole locations.

For instance, at the RP-3 location, there are two proposed wells (RP-3A and RP-3B) and a proposed geotechnical borehole (C-7). Although symbols are provided for three holes for clarity, the text of the Plan provides clarification that geotechnical data to be obtained from borehole C-7 will be obtained from the upper portion of well RP-3A, so that only two holes (RP-3A and RP-3B) will ultimately be constructed.

Proposed drilling and well pad construction will only take place within the boundaries of areas surveyed and cleared for cultural resources, either by SWCA in their March 2007 archaeological report or by CNF staff in field visits on February 4 and 8, 2008. Prior to any drill pad construction activities, an archaeologist along with individuals from Tetra Tech and Errol Montgomery & Associates (who will be directing the drilling) will visit each proposed well and borehole location and flag the boundaries of the proposed disturbance. The coordinates of these boundaries will be recorded with a sub-meter GPS and provided to CNF staff to confirm that the proposed disturbance is outside any identified cultural resource site boundaries. If, after the coordinates have been provided, CNF determines that an archaeological monitor is warranted, one will be provided for any ground disturbing activities in the area of concern.

Regards,

Brian Lindenlaub | Senior Project Manager

WestLand Resources, Inc.

4001 E Paradise Falls Drive | Tucson, AZ85712

Office: (520) 206-9585 | Fax: (520) 206-9518



**From:** salek shafiqullah/r3/usdafs;nsf;sshafiqullah@fs.fed.us;smtp  
**Sent:** Thu Jul 02 2009 16:16:52 EDT  
**To:** "tom furgason" <tfurgason@swca.com>  
**CC:** beverson@fs.fed.us;"melissa reichard" <mreichard@swca.com>;mroth@fs.fed.us;tciapusci@fs.fed.us  
**Subject:** Re: SDCP Riparian Data  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks for the information.

I may need help with the link as it doesn't seem to work for me. Gis data would be the best product. Also, I scanned the county website under SDCP and found some maps but they were so general they were not useful for our purposes.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

"Tom Furgason" <tfurgason@swca.com>

07/02/2009 12:52 PM

To  
<sshafiqullah@fs.fed.us>  
cc  
<beverson@fs.fed.us>, <tciapusci@fs.fed.us>, <mroth@fs.fed.us>, "Melissa Reichard"  
<mreichard@swca.com>  
Subject  
SDCP Riparian Data

Salek,

Per our conversation earlier, you can review Pima County's riparian data (and spring locations) in the Sonoran Desert Conservation Plan database: (<http://www.dot.pima.gov/cmo/sdcpmaps/>). Just click on the SDCP MapGuide Map link and you should be able to access their GIS layers. The map does include Important Riparian Area (IRA) Underlying Classifications.

Teresa Ann should be able to obtain the shape files from Pima County without any problem. I can provide you with information regarding the classification system if you need. SWCA can also assist in preparing some maps of riparian resources based on the SDCP maps if needed.

Hopefully, we won't need to do field work to narrow down alternatives. Usually, once you need to do field work it is time to retain an alternative. Please call me if you have any questions.

Tom



United States  
Department of  
Agriculture

Forest  
Service

Coronado National Forest  
Supervisor's Office

300 W. Congress  
Tucson, Arizona 85701  
Phone (520) 388-8300  
FAX (520) 388-8305  
Deaf & Hearing Impaired 711

File Code: 1950-3/2810

Date: July 18, 2008

Victor Mendez  
Director  
Arizona Department of Transportation  
206 South 17th Avenue, Room #101  
Mail Drop 118A  
Phoenix, AZ 85007-3212

**CERTIFIED MAIL – RETURN  
RECEIPT REQUESTED  
NUMBER: 70033110000285807946**

Dear Mr. Mendez:

I am writing to invite Arizona Department of Transportation to participate as a state cooperating agency with the USDA Forest Service, Coronado National Forest, in the environmental study of a proposed Mine Plan of Operation. The proposed Rosemont Copper Mine would extract and process ores from the Rosemont Deposit located approximately 30 miles southeast of Tucson, Arizona. The mine and associated facilities would encompass approximately 4,500 acres in public and private ownerships in Pima County, Arizona.

The Coronado National Forest, in compliance with the National Environmental Policy Act, published a Notice of Intent (<http://www.fs.fed.us/r3/coronado/rosemont/documents/rosemont-noi-02282008.pdf>) to prepare an environmental impact statement on Rosemont Copper Company's Mine Plan of Operations. Briefly, the proposed action is to construct and operate an open-pit copper mine and associated processing facilities, including access roads, required utilities, and to reclaim affected lands. A full description of the proposed action (Mine Plan of Operation) may be viewed at: <http://www.rosemontcopper.com/operations2.asp>.

Based on the Mine Plan of Operation, the Coronado National Forest identified the following preliminary issues in its Notice of Intent. Effects on:

- the economy, public services, quality of life, and other community resources in Pima County, Tucson, and nearby communities
- the quality and availability of surface water and groundwater resources
- vegetation and wildlife, including those having special-status designations
- soils and geology
- aesthetic resources, including visual quality objectives and State Highway 83, a scenic highway
- archaeological, historic, and cultural resources, including Native American interests and values
- Forest recreational use and compatibility with other Forest land uses
- increased traffic on local roads and transportation systems
- noise on nearby residents, Forest users, and sensitive wildlife
- mining and processing and vehicle traffic on ambient air quality



The formal scoping period for public comment closed on July 14, 2008. Comments received during this scoping effort will undergo content analysis and reports of the results will be produced. These preliminary issues are expected to be refined as the environmental study progresses.

I am requesting Arizona Department of Transportation's participation as a state cooperating agency due to its special expertise regarding transportation aspects of this proposed action. Under a cooperating agency agreement, I would expect the Arizona Department of Transportation to be a partner in the development of the environmental impact statement and related documentation required by the environmental law, regulation, and policy. To promote a successful partnership in this endeavor, I am prepared to have the Rosemont Copper Project Team Leader, interdisciplinary team, and primary consultant (SWCA Environmental Consultants) undertake activities to enhance interagency cooperation:

- Consult with your agency on any relevant technical studies that will be required for the project
- Organize joint field reviews with your agency
- Provide your agency with project information, including study results
- Request your agency's review of relevant sections of the Draft Environmental Impact Statement prior to its release for comment
- Include information in the environmental documents and record needed by your agency to discharge your agency's compliance responsibilities with law, regulation, and policy
- Include information in the environmental documents and record that assists your agency with any other requirements regarding jurisdictional approvals, permits, licenses, and/or clearances

I encourage your agency to express its views on subjects within your jurisdiction and expertise, and will expect that if, at any point in the process, your agency's needs are not being met you will inform my team leader. I anticipate that the environmental documents and associated public involvement processes used in this study will satisfy your agency's needs. The Forest Service intends to utilize the environmental impact statement and our subsequent record of decision as our decision-making documents and as the basis for determining the Final Mine Plan of Operation.

I look forward to receiving your agency's written response to this state cooperating agency invitation by August 29, 2008. I request that your response define the ways your agency would like to be involved in this environmental study, and whether any additional documentation of our cooperating agency relationship is desired.

Questions or concerns about the Mine Plan of Operation or our agencies' respective roles and responsibilities during the preparation of this environmental study should be directed to Deputy Forest Supervisor, Reta Laford. Ms. Laford may be reached via telephone at (520) 388-8300 or via electronic mail at [rlaford@fs.fed.us](mailto:rlaford@fs.fed.us).

Sincerely,

*/s/ Jeanine A. Derby*  
JEANINE A. DERBY  
Forest Supervisor

cc:  
Mr. Tom Deitering  
Area Engineer  
Federal Highway Administration  
400 East Van Buren  
Suite 410  
Phoenix, Arizona 85004

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jul 02 2009 15:51:06 EDT  
**To:** <sshafiqullah@fs.fed.us>  
**CC:** <beverson@fs.fed.us>; <tciapusci@fs.fed.us>; <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** SDCP Riparian Data  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Salek,

Per our conversation earlier, you can review Pima County's riparian data (and spring locations) in the Sonoran Desert Conservation Plan database: (<http://www.dot.pima.gov/cmo/sdcpmaps/>). Just click on the SDCP MapGuide Map link and you should be able to access their GIS layers. The map does include Important Riparian Area (IRA) Underlying Classifications.

Teresa Ann should be able to obtain the shape files from Pima County without any problem. I can provide you with information regarding the classification system if you need. SWCA can also assist in preparing some maps of riparian resources based on the SDCP maps if needed.

Hopefully, we won't need to do field work to narrow down alternatives. Usually, once you need to do field work it is time to retain an alternative. Please call me if you have any questions.

Tom

RE: SDCP Riparian Data

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jul 02 2009 16:20:20 EDT  
**To:** "salek shafiqullah" <sshafiqullah@fs.fed.us>  
**CC:** <beverson@fs.fed.us>; "melissa reichard" <mreichard@swca.com>; <mroth@fs.fed.us>; <tciapusci@fs.fed.us>  
**Subject:** RE: SDCP Riparian Data  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Try this one: <http://www.dot.pima.gov/cmo/sdcpmaps/>

We can also set up a time for you to come over to SWCA and we can go through the data with you.

Tom

From: Salek Shafiqullah [mailto:sshafiqullah@fs.fed.us]  
Sent: Thu 7/2/2009 1:16 PM  
To: Tom Furgason  
Cc: beverson@fs.fed.us; Melissa Reichard; mroth@fs.fed.us; tciapusci@fs.fed.us  
Subject: Re: SDCP Riparian Data

Thanks for the information.  
I may need help with the link as it doesn't seem to work for me. Gis data would be the best product.  
Also, I scanned the county website under SDCP and found some maps but they were so general they were not useful for our purposes.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

"Tom Furgason" <tfurgason@swca.com>

07/02/2009 12:52 PM

To  
<sshafiqullah@fs.fed.us>  
cc  
<beverson@fs.fed.us>, <tciapusci@fs.fed.us>, <mroth@fs.fed.us>, "Melissa Reichard"  
<mreichard@swca.com>  
Subject  
SDCP Riparian Data

Salek,

Per our conversation earlier, you can review Pima County's riparian data (and spring locations) in the Sonoran Desert Conservation Plan database: (<http://www.dot.pima.gov/cmo/sdcpmaps/>). Just click on the SDCP MapGuide Map link and you should be able to access their GIS layers. The map does include Important Riparian Area (IRA) Underlying Classifications.

Teresa Ann should be able to obtain the shape files from Pima County without any problem. I can provide you with information regarding the classification system if you need. SWCA can also assist in preparing some maps of riparian resources based on the SDCP maps if needed.

Hopefully, we won't need to do field work to narrow down alternatives. Usually, once you need to do field work it is time to retain an alternative. Please call me if you have any questions.

Tom

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Thu Jul 02 2009 17:05:00 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Rosemont's proposed alternative  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

This is what we'll be seeing on Wednesday afternoon, right? I probably won't have time to review it prior to then.

----- Forwarded by Debby Kriegel/R3/USDAFS on 07/02/2009 02:03 PM -----

Melissa Reichard <mreichard@swca.com>  
Sent by: rosemonteis <notify@weboffice.com>  
07/02/2009 12:39 PM

To  
kbrown03@fs.fed.us, beverson@fs.fed.us, kellett@fs.fed.us, dkriegel@fs.fed.us, sshafiqullah@fs.fed.us, dsebesta@fs.fed.us, wkeyes@fs.fed.us, aelek@fs.fed.us, temmett@fs.fed.us, gmckay@fs.fed.us, ljones02@fs.fed.us, mfarrell@fs.fed.us, abelauskas@fs.fed.us, rlefevre@fs.fed.us, tciapusci@fs.fed.us, jable@fs.fed.us, sldavis@fs.fed.us, rlaford@fs.fed.us, tfurgason@swca.com, wgillespie@fs.fed.us, teresa@ciapusci.com, klgraves@fs.fed.us, ecuriel@fs.fed.us  
cc  
Charles Coyle <ccoyle@swca.com>, mpetersen@swca.com, Melissa Reichard <mreichard@swca.com>  
Subject  
Rosemont's proposed alternative

Hello All-  
Rosemont has submitted their proposed alternative. I have uploaded it here:  
<<https://rosemonteis.webexone.com/r.asp?a=5&id=149379>>  
It is a fairly large file, so you will need to allow some time to download. If you have any issues with the file or need any help, please let me know.

Thanks!  
Mel

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Thu Jul 02 2009 20:16:35 EDT  
**To:** reta laford <rlaford@fs.fed.us>;mindee roth <mroth@fs.fed.us>;beverly everson <beverson@fs.fed.us>  
**CC:** charles coyle <ccoyle@swca.com>;melissa reichard <mreichard@swca.com>  
**Subject:** Scoping Reports  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Reta, Bev, and Mindee,

I have posted the revised Scoping Report #1 on WebEx for your review (<https://rosemonteis.webexone.com/r.asp?a=12&id=24155>). Please note that the graphics in the MS Word version are of a lower resolution due to the compression of an Adobe .pdf file into a .jpg file. This manipulation is required to include graphics into Word. Please let me know if this report is acceptable to submit to Region. The final version will be created using Adobe InDesign and will have graphics with much higher resolution.

We anticipate submitting a revised Scoping Report #2 next week. Thank you for all of your comments and working with us to promptly resolve questions and discrepancies. I expect this will get easier as we move forward.

Have a wonderful weekend and enjoy your independence!

Tom

**From:** johnable23@gmail.com  
**Sent:** Sat Jul 04 2009 10:34:49 EDT  
**To:** melissa reichard <mreichard@swca.com>  
**CC:** tom furgason <tfurgason@swca.com>; reta laford <rlaford@fs.fed.us>; teresa ciapusci <tciapusci@fs.fed.us>; beverley a everson <beverson@fs.fed.us>; mroth@fs.fed.us  
**Subject:** Beta Test of Scoping Comment Search Issue Suggests "Missing Comments"  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

FYI: Melissa, our beta test of the Comment Search has turned up the first problem (see below). This appears to be totally a problem with the Search, but Jim Pepper is very worried that his submission was overlooked. I just wanted to give you a heads up that while I hope to have the issue resolved this weekend, Philip may be calling about this on Monday.

John A. Able, Information Steward  
Transparency, Collaboration, Knowledge  
Coronado National Forest  
Text or Voice: 520-405-4256

----- Forwarded message -----

**From:** John Able <jable@fs.fed.us>  
**Date:** Sat, Jul 4, 2009 at 7:27 AM  
**Subject:** Re: Scoping Comment Letter missing in new website  
**To:** jepepper@earthlink.net  
**Cc:** Reta Laford <rlaford@fs.fed.us>, tciapusci@fs.fed.us, Wade Bunting <wadebunting@aol.com>

This inquiry refers specifically to an apparent failure of the Scoping Comment Search to return results related to "Form Letter 17." In particular, the search returns no results by name or key word for this specific submission, and it appears as though either 1) the search engine is not properly associating comments from this submission, or 2) that the submission was not properly received or processed. Jim, you also express great concern that it may even have been overlooked.

As I mentioned on the phone, at the moment I am focusing on number 1 above, treating this as a problem with the Scoping Comment Search. Philip Murphy of InfoHarvest, our consultant for the Search Feature, has been contacted and is working on the issue over the July 4th weekend. I am hoping that the rather complex nature of this particular submission -- a cover letter signed by yourself and Wade Bunting, a 38-page main comment document, and six attachments -- all signed by an additional hundred people and submitted as a form letter, has stumped the search engine. This is why we are conducting this "beta test": to find and correct any problems with the technology.

While I don't rule out number 2 above, the evidence doesn't point there yet. The reason I say that is because even though the Scoping Comment Search does not return any results for this submission, all documents relevant to Form Letter 17 are in fact resident and properly coded in the Comment Database. This suggests to me that this document was properly received and processed and that comments were identified and considered, it's just that the internal logic of the Scoping Comment Search couldn't properly cope with all the associations generated by 8 documents and a hundred signatories. We'll start with this hypothesis. Philip believes he will have an answer/solution by Monday morning. If at that time we discover it was not the technology, we will investigate number 2 above.

Jim, whatever the problem is, we'll get to the bottom of it and I'll report back to you. Thanks for your

patience in finding what, at the moment, is the first and only problem reported with our new Scoping Comment Search.

John A. Able, Information Steward  
Transparency, Collaboration, Knowledge  
Coronado National Forest  
Text or Voice: 520-405-4256

On Fri, Jul 3, 2009 at 5:37 PM, jepepper <jepepper@earthlink.net>wrote:

Good afternoon John;

This email memorializes our phone conversation of late this afternoon. As I reported to you, an extensive comment letter authored by Wade Bunting and me (James Pepper), is missing from the scoping comments posted on your new website.

As I informed you, only the cover sheet of this 38 page comment letter is contained in the data base (Submission ID 1753). I searched in vain for the balance of the comment letter, using all combinations of our names, first initials, etc., and found eight separate Submission ID's for Wade and me, but none contained the balance of this important letter. I also unsuccessfully searched for unique combinations of words and terms that appeared in our letter, revealing that our letter contained unique comments.

The letter is dated July 11, 2008, and the page included in the scoping file shows the letter logged in via a Coronado National Forest stamp dated July 14. Wade hand delivered the letter to your Tucson office on that date. Note that on the same date he also hand delivered copies to Congresswoman Giffords and Congressman Grijalva.

Naturally we are extremely concerned about this matter. Wade and I live in relatively close proximity to the proposed project, and, along with others, we spent an inordinate amount of time preparing these comments. The comments also represent the concerns of the Sonoita Community, as there are 98 co-signatories to the letter, thus the weight of our community rests in this letter. If these comments have not been a part of the on-going analyses since their submittal, this poses a very serious issue indeed. And, as I reported to you, this is particularly distressing given our record of civil, informed and continuous participation in the NEPA process.

Per your assurances during our phone conversation, you will work with your consultant in Seattle starting immediately to determine if this is only a "data base" issue; that you have the document and it has merely escaped inclusion in the on-line comment data base. If however, the balance of the comment letter is missing, we have, as you stated, a far more serious matter. Per my request, you agreed to provide me with an email response as soon as you have anything to report. Also per your assurances, I will hear back from you with an email status report, regardless of what you have to report, sometime on Monday, July 6.

Thank you for your urgent attention to this matter.

Regards,

Jimmy Pepper

RE: request for MODFLOW files from Montgomery

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Fri Jun 19 2009 12:55:41 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: request for MODFLOW files from Montgomery  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

The CD that was included with the report I have is not working. So, either you could ask Errol to ftp them or give me one of the CDs from your copy to try. Let me know what you prefer.

Thanks!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, June 16, 2009 4:23 PM  
To: Melissa Reichard  
Subject: Fw: request for MODFLOW files from Montgomery

Mel, please see the email correspondence below. Could these files be downloaded to the site you made other data available to Roger on?

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 06/16/2009 04:20 PM -----

Kathy Arnold<karnold@rosemontcopper.com>

06/16/2009 02:59 PM

To

Beverley A Everson <beverson@fs.fed.us>

cc

Subject

FW: request for MODFLOW files from Montgomery

Bev –  
Please see Jim's response below.

Cheers!  
Kathy

Kathy Arnold|Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box35130 | Tucson, AZ 85740-5130  
3031 West Ina Road| Tucson, AZ85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

PLEASE NOTE: : This e-mail message, including any attachments, is for the sole use of the intended

RE: request for MODFLOW files from Montgomery

recipient(s) and may contain confidential and/or privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please delete all copies and notify us immediately.

From: Jim Davis [mailto:jdavis@elmontgomery.com]  
Sent: Tuesday, June 16, 2009 2:56 PM  
To: Kathy Arnold  
Cc: Hale Barter  
Subject: RE: request for MODFLOW files from Montgomery  
Importance: High

Kathy,

A DVD disc was included with each paper copy of the report. The DVD contains all the files Roger is requesting. If Roger doesn't have a DVD reader or didn't receive the disc for whatever reason, we can FTP the files if necessary. Let us know.

Thanks,  
Jim

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, June 16, 2009 2:42 PM  
To: karnold@rosemontcopper.com; Roger D Congdon; Jim Davis  
Subject: request for MODFLOW files from Montgomery

Hi Kathy,

Please see Roger Congdon's request, below. Errol Montgomery would have these files. Please let me know if we can get the files per this request, or if you need other information.

Thank you.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 06/16/2009 02:35 PM -----

Roger D Congdon/R3/USDAFS

06/11/2009 07:34 AM

To

Beverley A Everson/R3/USDAFS@FSNOTES

cc

Subject

MODFLOW files

Hi Bev,

I have the west side modeling report, which I am reviewing. I would really like to see their MODFLOW input files (the ones that end in things like .BA6, .BC6, .nam, etc. They'll know what I'm talking about). The company, or SWCA says that you have to authorize that data transfer. If I'm to properly evaluate what they did, I will need the input files. They should give them to me routinely.

Let me know if there are any problems/issues with this request.

Thanks a bunch.

Roger

Roger D. Congdon, PhD  
Hydrogeologist  
USDA Forest Service  
333 Broadway Blvd SE  
Albuquerque, NM 87102  
(505) 842-3835  
FAX: (505) 842-3152

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Jul 07 2009 15:37:23 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** FW: Rosemont Alternative scenarios  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

FYI

From: Dale Ortman PE [mailto:daleortmanpe@live.com]  
Sent: Monday, July 06, 2009 2:43 PM  
To: Melissa Reichard; Trent Reeder  
Cc: Tom Furgason  
Subject: RE: Rosemont Alternative scenarios

This is coming in very late on my part, but in regard to alternatives in McClearyCanyon there are three different layouts:

1. McCleary with Scholefield – This is the McCleary option that requires prior fill material in Scholefield Canyon, places material on the fill already in Scholefield, and contains approximately 900 million cy of storage attributable to McCleary, not including Scholefield;
2. McCleary – This is the McCleary option that does not require prior fill in Scholefield, holds the northern toe at the top of the ridge between McCleary and Scholefield, but does place fill in the drainage bottom of McCleary; it holds approximately 520 million cy;
3. McCleary (out of drainage) has the same northern boundary as Option 2, but does not place material in the drainage bottom; it holds approximately 280 million cy

Hope this helps....

Dale

From: Melissa Reichard [mailto:mreichard@swca.com]  
Sent: Thursday, July 02, 2009 2:52 PM

To: Trent Reeder  
Cc: Tom Furgason; Dale Ortman  
Subject: RE: Rosemont Alternative scenarios

Dale I need you to chime in on question 2 below.

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From:Trent Reeder  
Sent: Thursday, July 02, 2009 2:12 PM  
To: Melissa Reichard  
Cc: Tom Furgason; 'Dale Ortman '  
Subject: RE: Rosemont Alternative scenarios

I will do my best to shoot for Monday afternoon, but that might be pushing it as I still need to digitize Dale's updated alternatives.

Just to clarify on a couple of things:

1. When referring to Upper Barrel, are you referring to the Upper Barrel 2 alternative and not the smaller Upper Barrel 1 alt?Yes
2. When referring to McCleary, Upper McClearyis Upper South McCleary?That's a great question- This depends on Dale's volumes- Dale?
3. Does #1 and #2 McCleary refer to either the new North McCleary alternative or the older McCleary configuration?Anything with just "McCleary" refers to the separated McCleary section that was formerly combined into one shape with Scholefield
4. We flew to eight KOP's last wednesday, does Debby want each KOP to depict the five different alternative combinates which would entails forty simulations total?I'm pretty sure that was her idea. But if the timeframe is too tight we could limit this.

Please let me know if I need to clarify. Thanks!

Trent

From: Melissa Reichard  
Sent: Thursday, July 02, 2009 12:50 PM  
To: Trent Reeder  
Cc: Tom Furgason; 'Dale Ortman '  
Subject: Rosemont Alternative scenarios

Trent-

Debby Kriegel wants everything asap-of course! I told her that although we couldn't make a commitment for you, I thought Monday afternoon would be reasonable. Is that doable for you? Basically, we need all of these in layers with the combinations below in pdf (small enough to post online) from the main KOPs that we viewed in the Wed call. How does that sound to you?

Tailings in Scholefield, Waste in McCleary  
Tailings in Upper Barrel, Waste in McCleary  
Tailings in Sycamore, Waste in Upper Barrel and Upper McCleary  
Tailings in Sycamore, Waste wrapped on West Barrel and McCleary  
Tailings in Upper Barrel, Waste wrapped on West Barrel and McCleary

Dale- Does #5 describe what they were speaking of yesterday? Just to be sure, these have the adequate volumes, correct?

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

## Rosemont Bounds of Analysis: Socioeconomics

**Geographic Bounds of Analysis.** The geographic boundaries for analyzing socioeconomics are preliminarily identified as a 50-mile radius around the proposed mine (Figure S1). This buffer was selected based on various factors that may influence the location and magnitude of potential socioeconomic impacts, including:

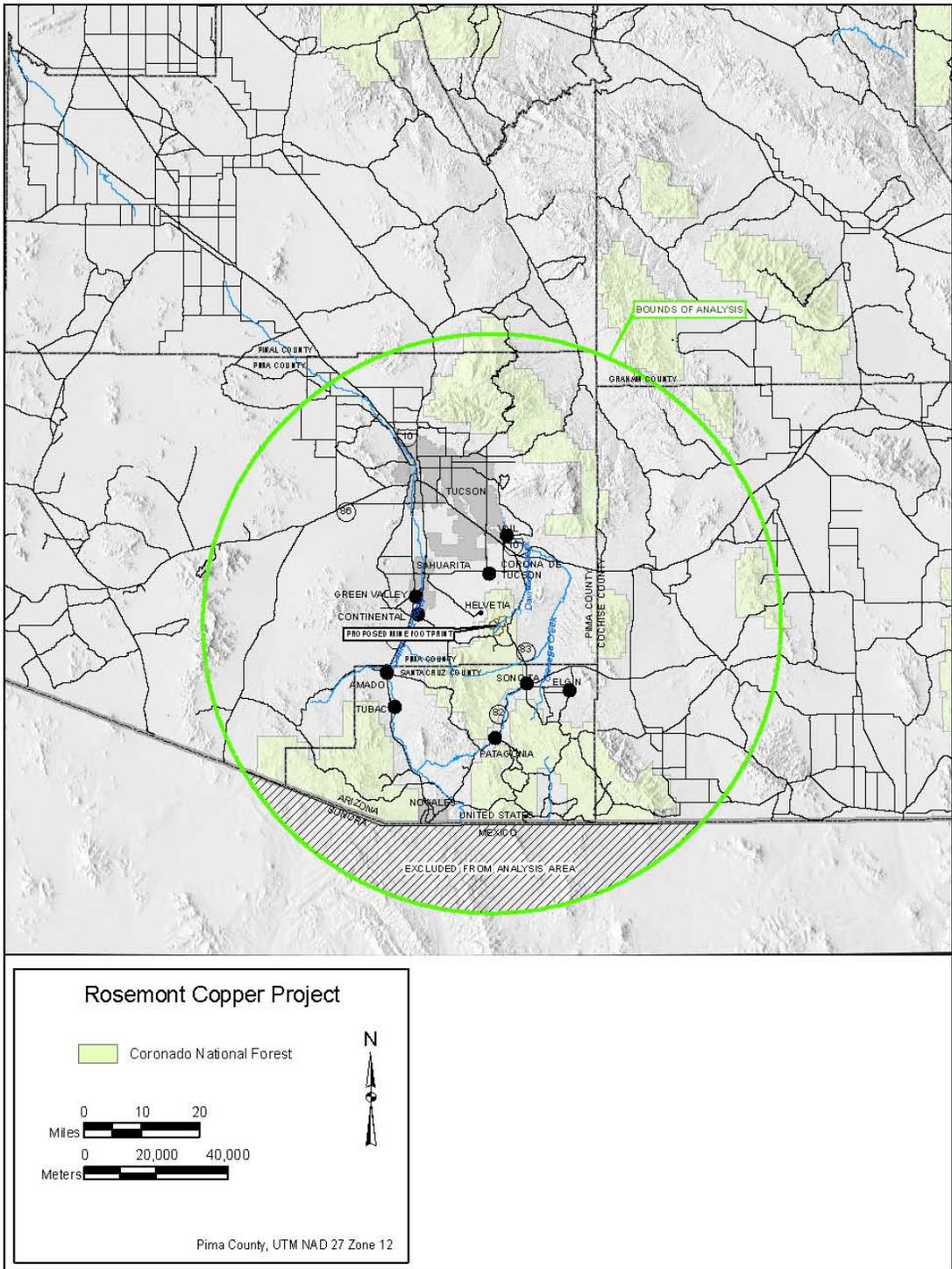
- Communities that may experience direct and/or indirect economic impacts as a result of the by the proposed mine, either as a result of construction, operation, or closures (e.g., from employment, wages and taxes, changes in tourism spending, etc.);
- Anticipated changes in population as a result of in and out migration due to mine operation and/or employment;
- The availability and location of existing housing and potential housing and the capacity and condition of existing local services and facilities; and
- Changes in quality of life for area residents and visitors, including changes in recreation opportunities.

It is important to note that the 50-mile buffer extends into Mexico, however this locality will not be analyzed. Only counties that the Coronado National Forest extends into, within the 50-mile buffer, will be analyzed; these include Santa Cruz, Pima, Cochise, Pinal and Graham counties. Specific communities and tribal lands within the 50-mile buffer are included in this document (Table S1). The portion of Mexico that falls into the 50-mile buffer is excluded from the study area (see Figure S1).

**Temporal Bounds of Analysis.** The temporal boundaries for analyzing socioeconomics will be guided in part by available data, an assessment of current conditions (without the proposed mine or associated activity) as well as the phases of activity associated with the proposed mine, including construction, operation and closure.

The most current data available for population is from the 2000 U.S. Census; IMPLAN data for estimating (modeling) impacts to employment, employment compensation, and economic output extends as far back as 1990; the most current IMPLAN data is for 2007. The three phases of activity associated with the mine, for which socioeconomic impacts can actually be measured, will be for 24 year period (construction [ $\pm 2$  years], operation [ $\pm 20$  years], closure [ $\pm 2$  years]). Impacts to the region “post-closure” will not be estimated, as estimating social and economic impacts beyond a 25 year period, for which no specific activity is associated, is too speculative.

Thus, as data is available, the temporal bounds of analysis will extend from 1990 to year of closure of the mine (roughly 2035 [to be based on when construction starts and closure ends]).



**Figure S1.** Bounds of analysis - (socioeconomics).

**Table S1.** List of places located within the 50-mile radius, including tribal land.

| COUNTY              | PLACE                              |
|---------------------|------------------------------------|
| Cochise             | Miracle Valley                     |
|                     | Palominas                          |
|                     | Black Bear Spring                  |
|                     | Sunnyside                          |
|                     | Nicksville                         |
|                     | Hereford                           |
|                     | Ramsey                             |
|                     | Bledsoe                            |
|                     | Sierra Vista Estates (subdivision) |
|                     | Bonnie Blink                       |
|                     | Coronado Village                   |
|                     | Signal Village                     |
|                     | Village Meadows (subdivision)      |
|                     | De Anza Village                    |
|                     | Cavalay Park                       |
|                     | Sierra Vista                       |
|                     | West Pershing Plaza                |
|                     | East Pershing Plaza                |
|                     | Gatewood Housing                   |
|                     | Fry                                |
|                     | Apache Flats                       |
|                     | Miles Manor                        |
|                     | Lewis Springs                      |
|                     | Huachuca City                      |
|                     | Charleston                         |
|                     | Campstone                          |
|                     | Tombstone                          |
|                     | Fairbank                           |
|                     | Benson Junction                    |
|                     | Contention                         |
|                     | Boquillas                          |
|                     | Escalante Crossing                 |
|                     | Curtiss                            |
|                     | Saint David                        |
|                     | Arizona Sun Sites                  |
|                     | Whetstone                          |
|                     | Benson                             |
|                     | Fenner                             |
|                     | Tully                              |
|                     | Mescal                             |
| Chamiso             |                                    |
| Pomerene            |                                    |
| Dragoon             |                                    |
| Manzoro             |                                    |
| Johnson             |                                    |
| Cascabel            |                                    |
| Hookers Hot Springs |                                    |
| Bradberry           |                                    |

| COUNTY | PLACE                                    |
|--------|------------------------------------------|
| Pima   | Sandwash Mill                            |
|        | Arivaca                                  |
|        | Puertocito                               |
|        | Las Guijas                               |
|        | Secundino                                |
|        | Arivaca Junction                         |
|        | Greaterville                             |
|        | Rosemont Camp                            |
|        | Rosemont Junction                        |
|        | Continental                              |
|        | Green Valley                             |
|        | Helvetia                                 |
|        | Twin Buttes                              |
|        | Duval                                    |
|        | Sahuarita Heights                        |
|        | Pimaco Two                               |
|        | Sahuarita                                |
|        | Corona de Tucson                         |
|        | Uhs Kug                                  |
|        | Diamond Bell Ranch                       |
|        | San Xavier                               |
|        | New Tucson                               |
|        | Pantano                                  |
|        | Mountain View                            |
|        | Pan Tak                                  |
|        | Nawt Vaya                                |
|        | Harrington Place                         |
|        | Vail                                     |
|        | Three Points                             |
|        | Robles Junction                          |
|        | San Pedro                                |
|        | Esmond                                   |
|        | Corner Windmill                          |
|        | Wilmot                                   |
|        | Littletown                               |
|        | Drexel Heights                           |
|        | Emery Park                               |
|        | Rankin                                   |
|        | Vandenberg Village                       |
|        | Polvo                                    |
|        | Tucson Estates                           |
|        | Junction Interstate Nineteen Interchange |
|        | Pueblo Gardens                           |
|        | South Tucson                             |
|        | Rolling Hills Country Club Estates       |
|        | Craycroft                                |
|        | Old Tucson                               |
|        | Tucson                                   |

| COUNTY     | PLACE                        |
|------------|------------------------------|
|            | Kingston Knolls Terrace      |
|            | El Rio                       |
|            | Polo Village                 |
|            | Pascua Yaqui Indian Village  |
|            | Tanque Verde                 |
|            | Indian Ridge Estates         |
|            | Tucson Country Club Estates  |
|            | Amphitheater                 |
|            | Stockham                     |
|            | Jaynes                       |
|            | Catalina Foothills           |
|            | Oracle Foothills Estates     |
|            | Valley View                  |
|            | Skyline Bel Aire Estates     |
|            | Orange Grove Estates         |
|            | Casas Adobes                 |
|            | Avra                         |
|            | Kino                         |
|            | Oracle Place Shopping Center |
|            | Tucson National Estates      |
|            | Cortaro                      |
|            | Willow Canyon                |
|            | Oro Valley                   |
|            | Whitetail                    |
|            | Rillito                      |
|            | Soldier Camp                 |
|            | Redington                    |
|            | Marana                       |
|            | Summerhaven                  |
|            | Loma Linda                   |
|            | Catalina                     |
| Santa Cruz | Nogales                      |
|            | Kino Springs                 |
|            | Duquesne                     |
|            | Washington Camp              |
|            | Beyerville                   |
|            | Guevavi Mission              |
|            | Old Glory                    |
|            | Ruby                         |
|            | Trench Camp                  |
|            | Calabasas                    |
|            | Harshaw                      |
|            | Rio Rico                     |
|            | Partridge                    |
|            | Oro Blanco                   |
|            | Otero                        |
|            | Patagonia                    |
|            | Canelo                       |

| COUNTY        | PLACE               |
|---------------|---------------------|
| Santa Cruz    | Tumacacori          |
|               | Carmen              |
|               | Alto                |
|               | Tubac               |
|               | Sotos Crossing      |
|               | Hacienda Los Encino |
|               | Elgin               |
|               | Agua Linda          |
|               | Sonoita             |
|               | Amado               |
| Madera Canyon |                     |

**TRIBAL LAND**

Pascua Yaqui  
San Xavier District (Tohono O'odham)  
Tohono O'odham

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Thu Jul 02 2009 20:31:52 EDT  
**To:** "cara bellavia" <cbellavia@swca.com>  
**CC:** richard periman/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;tfurgason@swca.com  
**Subject:** RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds  
**Attachments:** Rosemont\_boundsofanalysis\_SOCIO\_061209.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Looks good, to move forward.

Only one question: what is the description of the communities with the large black dots on your map? I'm assuming that the dots indicate communities with smaller populations (or a certain size), because Benson, Sierra Vista and Nogales are not included.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Cara Bellavia" <cbellavia@swca.com>  
06/12/2009 10:31 AM

To  
"Sarah L Davis" <sldavis@fs.fed.us>  
cc

Subject  
RE: Rosemont Socioeconomics Analysis

Hi Sarah,

Attached is a a draft of the spatial and and temporal bounds of analysis approach. Can you please review this and let me know if you have any comments, edits, questions, etc?

Thank you!  
Cara

Cara Bellavia  
SWCA Environmental Consultants  
3033 N. Central Ave., Suite 145  
Phoenix, AZ 85012  
P 602.274.3831 | F 602.274.3958

www.swca.com

Sound Science. Creative Solutions.

Please consider the environment before printing this email

From: Sarah L Davis [mailto:sldavis@fs.fed.us]

Sent: Friday, May 29, 2009 3:52 PM

To: Cara Bellavia

Subject: Re: Rosemont Socioeconomics Analysis

Let's talk. I am on vacation all next week but I will call you on Monday the 8th.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Cara Bellavia" <cbellavia@swca.com>  
05/28/2009 09:23 AM

To  
"Sarah L Davis" <sldavis@fs.fed.us>  
cc

Subject  
Rosemont Socioeconomics Analysis

Hi Sarah,

Can we set up a time to chat regarding what the FS would like the bounds of analysis (both spatial and temporal) to be for socioeconomics for the Rosemont Copper mine project? I am hoping we can connect some time next week (the week of June 1)?

In our our draft cause and effect statements, which I understand are not finalized yet, we proposed a 100-mile buffer from the mine to analyze in terms of the spatial bounds.

Let me know when you are available.

Thanks,  
Cara

Cara Bellavia  
SWCA Environmental Consultants  
3033 N. Central Ave., Suite 145  
Phoenix, AZ 85012

RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds

P 602.274.3831 | F 602.274.3958

[www.swca.com](http://www.swca.com)

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## **Desired Condition – Northern Santa Rita Mountains – Scenic Quality and Recreation**

Debby Kriegel, May 8, 2009

The diverse landscapes of the northern Santa Rita Mountains offer a variety of settings for a broad range of recreational opportunities and a place for visitors to escape from busy urban life into quiet, natural, wild places. Visitors enjoy vast open space, canyon bottoms with mature trees, golden rolling grasslands dotted with oak and juniper, and rugged, rocky mountain ridgetops. Visitors rarely see utilitarian structures (such as power lines and buildings), and mines that are no longer operational have been completely naturalized by restoring topography and vegetation to blend with the surrounding landscape.

Lands along the Patagonia-Sonoita Scenic Road (AZ Hwy 83) and along Forest Service roads appear natural. Visitors find occasional developed recreation facilities (such as picnic tables, an OHV staging area, and trailhead signs), but these facilities are in character with the National Forest setting.

Dispersed recreation activities in the area include scenic driving, hiking, horseback riding, birdwatching, camping, hunting, and more. Visitors use off-highway vehicles responsibly and stay on designated roads. Dispersed campsites are small and clean, and resource damage is not a problem.

Landscapes away from roads, and lands along the Arizona Trail, provide opportunities for solitude and spending time in pristine wildlands with minimal evidence of human activity. The Arizona Trail is well-marked and well maintained. Access roads to trailheads are open and maintained, and trailheads provide adequate parking and turnaround space. Damage to resources at trailheads is minimal, and wildcat trails are rare.

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Tue Jun 02 2009 16:20:35 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Rosemont KOPs and Desired Condition  
**Attachments:** DesiredCondition.doc;Rosept\_20090528.dbf;Rosept\_20090528.prj;Rosept\_20090528.sbn;Rosept\_20090528.sbx;Rosept\_20090528.shp;Rosept\_20090528.shp.xml;Rosept\_20090528.shx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

At our meeting on May 7th, David Krizek (Tetra Tech) and Joy Lyndes (Sage) asked for KOPs (Key Observation Points) from SWCA and a desired condition statement from the USFS.

Here is a draft desired condition statement:

The message below contains a zip file with the KOPs identified so far.

Please forward to David and Joy. David's email is david.krizek@tetrattech.com. Joy's email is jlyndes@sagelandscape.com.

Thanks!

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
www.fs.fed.us/r3/coronado/  
dkriegel@fs.fed.us

----- Forwarded by Debby Kriegel/R3/USDAFS on 06/02/2009 01:13 PM -----

"Trent Reeder" <treeder@swca.com>  
06/02/2009 08:18 AM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
"Marcie Bidwell" <mbidwell@swca.com>  
Subject  
RE: Rosemont KOP shapefile

From: Trent Reeder  
Sent: Thursday, May 28, 2009 10:29 AM  
To: 'Debby Kriegel'  
Cc: Marcie Bidwell  
Subject: Rosemont KOP shapefile

Hi Debby,

Here's a shapefile consisting of all project KOP locations. Please let me know if you need anything else.

Trent Reeder  
GIS Specialist  
SWCA Environmental Consultants  
treeder@swca.com  
130 Rock Point Dr. Suite A  
Durango, Colorado 81303  
Work (970) 385-8566  
Fax (970) 385-1938  
www.swca.com

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Thu Jul 09 2009 14:42:19 EDT  
**To:** larry jones <ljones02@fs.fed.us>  
**CC:** debbie sebesta <dsebesta@fs.fed.us>; melissa reichard <mreichard@swca.com>; mindee roth <mroth@fs.fed.us>; beverley everson <beverson@fs.fed.us>; reta laford <rlaford@fs.fed.us>  
**Subject:** Westland's Biological Reports  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Larry,

I moved the four Westland Reports to the Biology folder (under the Resources folder). They have been on WebEx since we received them, but not in an obvious location. You can now find them at this link: <<https://rosemonteis.webexone.com/r.asp?a=12&id=24543>>.

Please let Melissa or I know if you need further assistance with this.

Tom

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Jul 07 2009 19:19:39 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
**CC:** "melissa reichard" <mreichard@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** 2009 07 07 Table 4 Hold.doc  
**Attachments:** 2009 07 07 Table 4 Hold.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached are my revisions pending input from Charles. Please note that there were several revisions on the SWCA side of things. I anticipate that this will need to be revised as we load level all of our projects.

Tom - 2009 07 07 Table 4 Hold.doc

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Thu Jul 09 2009 13:07:44 EDT  
**To:** sarah davis <sldavis@fs.fed.us>; jeff connell <jconnell@swca.com>; cara bellavia <cbellavia@swca.com>  
**CC:** mindee roth <mroth@fs.fed.us>; charles coyle <ccoyle@swca.com>; melissa reichard <mreichard@swca.com>; beverley everson <beverson@fs.fed.us>; reta laford <rlaford@fs.fed.us>  
**Subject:** Socioeconomics  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Sara,

I delivered two hard copies of the Seidman Economic Report (Study of Mineral Production with Reference to the Rosemont Copper Project, July 2009) to Bev yesterday. I also placed an electronic copy on WebEx: <<https://rosemonteis.webexone.com/r.asp?a=12&id=24553>>.

I informed Jamie that our first impression was that the report lacked information on potential negative effects to local property values and tourism. He indicated that Rosemont will likely have Seidman Research Institute address these issues in a follow up report that formally critiques the Sonoran Institute's December 2007 report. This too, is now on WebEx.

---

Cara and Jeff,

I sent one hard copy of the Seidman report to Phoenix for your reference. Melissa has the other copy for the Admin Record.

Tom

**From:** teresa ann ciapusci/r3/usdafs;nsf;tciapusci@fs.fed.us;smtp  
**Sent:** Mon Jun 22 2009 13:50:16 EDT  
**To:** deborah k sebesta/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Follow-up from June 18 Cooperating Agency meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev, Debbie, and Larry -

Some of the cooperating agencies have expressed a desire to meet with one or more of the Rosemont IDT biologists to gain a better understanding of the scope of biological investigations underway or planned for inclusion in the EIS. The next cooperating agency meeting is scheduled for Thursday, July 16. I could set up time on the schedule of that meeting for a small group discussion between the interested cooperators and the biologist's after lunch (approximately 12:30-3:30 pm) if that date is compatible with your schedules. If you are not available on the 16th, is there another time before the 16th that would work better for the biologists to meet with the interested cooperators?

Bev -

When a meeting time and the discussion topic or topics are more clearly defined, I will need to know if you want to invite any of the SWCA biologists or any of RCC's biologists to attend as well.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

RE: neotrop report

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jul 09 2009 12:08:15 EDT  
**To:** "larry jones" <ljones02@fs.fed.us>; "geoff soroka" <gsoroka@swca.com>; "deborah k sebesta" <dsebesta@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>; "richard a gerhart" <rgerhart@fs.fed.us>; "ken kertell" <kkertell@swca.com>  
**Subject:** RE: neotrop report  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Larry,

I placed the MBTA report and the BA on WebEx last night. Please note that Debbie sent an email to us several months ago letting us know that the report was acceptable. Open the folder titled "Resources", then "Biological". I'll have Melissa copy the Westlandreports to WebEx as well.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

From: Larry Jones [mailto:[ljones02@fs.fed.us](mailto:ljones02@fs.fed.us)]  
Sent: Wednesday, July 08, 2009 8:26 AM  
To: Geoff Soroka; Tom Furgason; Deborah K Sebesta  
Subject: neotrop report

can somebody resend me an electronic copy of the migratory bird report done for rosemont...i can't seem to put my hands on it. thanks!

RE: neotrop report

Larry Jones  
Wildlife, Fish, and Rare Plants  
Coronado National Forest  
300 W Congress  
Tucson, AZ 85701

520-388-8375  
ljones02@fs.fed.us

RE: Need record change

**From:** teresa ann ciapusci/r3/usdafs;nsf;tciapusci@fs.fed.us;smtp  
**Sent:** Thu Jun 25 2009 16:55:09 EDT  
**To:** "melissa reichard" <mreichard@swca.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>  
**Subject:** RE: Need record change  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

If no agenda was handed out at the meeting, we should not have one in our documentation packages for the Admin Record or the Web. The draft should be discarded if it was not used.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

"Melissa Reichard" <mreichard@swca.com>

06/25/2009 12:40 PM

To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>, "Beverley A Everson" <beverson@fs.fed.us>  
cc

Subject  
RE: Need record change

FYI-There wasn't any agenda distributed. This was one that Kathy drafted. If there was no agenda at the meeting, how do we handle this?

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Teresa Ann Ciapusci [mailto:[tciapusci@fs.fed.us](mailto:tciapusci@fs.fed.us)]  
Sent: Thursday, June 25, 2009 9:45 AM  
To: Beverley A Everson; Melissa Reichard  
Subject: Need record change

Bev -

In putting together the records for web posting and the Admin Record, I reviewed a copy of the Agenda for the Dry Stack presentations on May 12. The current documentation only indicates the IDT as attendees. It also needs to reflect the cooperating agencies as attendees. Please work with Melissa to replace the current version with a corrected copy and forward me a copy of the corrected version so I can complete my records. Attached is a copy of the document that needs attention.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax



Tucson Office  
343 West Franklin Street • Tucson, Arizona 85701  
Tel 520.325.9194 Fax 520.325.2033

**LETTER OF TRANSMITTAL**

**To: Coronado National Forest  
300 West Congress Street  
Tucson, Arizona 85701**

**SWCA Project No:** 11204

**Task:**

**Date:** 7/8/2009

**Subject:** Requested Reports

**Attn:** Bev Everson - IDT Leader

**Delivered Via:**

- Mail       Facsimile       FedEx       UPS  
 Courier       Hand-Delivered       Pick-Up

**No. of Copies** | **Description:**

2

**Study Of Mineral Production With Reference To The Rosemont Copper Project**

**The above items are submitted:**

- At your request       For your review       For your files  
 For your approval       For your action       For your information

**General Remarks:** Please call if you have any questions or comments.  
For your review, approval, and files

**Enclosure:**

cc: Kathy Arnold

By: Kelley Cox on behalf of Tom Furgason

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jul 09 2009 13:11:07 EDT  
**To:** "kathy arnold" <karnold@rosemontcopper.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** FW: Emailing: Transmittal\_BEverson\_070809.pdf  
**Attachments:** Transmittal\_BEverson\_070809.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

<<Transmittal\_BEverson\_070809.pdf>> Kathy,

Attached is a copy of the transmittal for the two hard copies of the Seidman Research Institute's report that I hand delivered to Bev yesterday. I also downloaded and electronic copy from the AZ Dept. of Mines web site and transmitted it to the Coronado and the SWCA specialists via WebEx.

Tom

-----Original Message-----

From: Kelley Cox  
Sent: Wednesday, July 08, 2009 8:20 AM  
To: Tom Furgason  
Subject: Emailing: Transmittal\_BEverson\_070809.pdf

The message is ready to be sent with the following file or link attachments:

Transmittal\_BEverson\_070809.pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

- Transmittal\_BEverson\_070809.pdf

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Thu Jul 09 2009 19:37:03 EDT  
**To:** mindee roth <mroth@fs.fed.us>;beverley everson <beverson@fs.fed.us>;reta laford <rlaford@fs.fed.us>  
**CC:** charles coyle <ccoyle@swca.com>;melissa reichard <mreichard@swca.com>  
**Subject:** Revised Scoping Report#2 (.pdf)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

The revised Scoping Report #2 is on WebEx for Coronado Review  
<<https://rosemonteis.webexone.com/r.asp?a=5&id=149872>> . I placed both MS Word and Adobe .pdf files  
in the Scoping folder. Please let me know if you or your team have any issues accessing these documents.

Tom

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Feb 15 2008 15:38:10 EST  
**To:** "brian lindenlaub" <blindenlaub@westlandresources.com>  
**CC:**  
**Subject:** RE: Maps and Groundwater Monitoring Plan  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

It should come through today; try it again.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Brian Lindenlaub" <blindenlaub@westlandresources.com>  
02/15/2008 09:22 AM

To  
<beverson@fs.fed.us>  
cc

Subject  
RE: Maps and Groundwater Monitoring Plan

Bev,

I tried to get this to you yesterday, but it got bounced. Perhaps the attachment was too large?

Brian Lindenlaub | Senior Project Manager  
WestLand Resources, Inc.

From: Brian Lindenlaub  
Sent: Thursday, February 14, 2008 5:12 PM  
To: 'karnold@augustaresource.com'; RCongdon@fs.fed.us; sshafiqullah@fs.fed.us  
Cc: beverson@fs.fed.us; 'Jim Davis'  
Subject: RE: Maps and Groundwater Monitoring Plan

All,

Attached please find a digital copy of the proposed groundwater monitoring program. Hard copies of this report, as well as the revised MPO figures, will be delivered to the CNF office first thing tomorrow morning. I realize I've said that very thing before, but this time I believe it. I think.

Regards,  
Brian Lindenlaub | Senior Project Manager  
WestLand Resources, Inc.

From: Kathy Arnold [mailto:karnold@augustaresource.com]  
Sent: Tuesday, February 12, 2008 10:20 AM  
To: GMckay@fs.fed.us; RCongdon@fs.fed.us; sshafiqullah@fs.fed.us  
Cc: beverson@fs.fed.us; Brian Lindenlaub; 'Jim Davis'  
Subject: Maps and Groundwater Monitoring Plan

All –  
Bev asked me to update everyone on the status of submittals - looks like we are on-track to submit the final map versions and the groundwater monitoring plan. WestLand will deliver, or email or mail as the case may be, copies to you tomorrow (Wednesday). As I understand it this is the last of the information that you had requested in your letter to Augusta Resource on October 19, 2007 and in the subsequent meetings.

Cheers!  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@augustaresource.com

Rosemont Copper Company  
3031 West Ina Road | Tucson, AZ 85741 | www.rosemontcopper.com

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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jul 09 2009 19:12:33 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "walter keyes" <wkeyes@fs.fed.us>; "debby kriegel" <dkriegel@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**CC:**  
**Subject:** RE: Rosemont Mitigation and Alternative Ideas  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Agreed. Thank you for the input.

Tom

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, July 09, 2009 3:43 PM  
To: Tom Furgason; Walter Keyes; Debby Kriegel; Melissa Reichard  
Subject: Fw: Rosemont Mitigation and Alternative Ideas

Tom and Melissa,

Please include Walt's suggestions, below, in the alternatives and mitigation table that you're putting together. In discussing this with Walt, the "Ortman Dam" concept is one that would carry across the all or most of the alternatives, and as such, should probably be considered as mitigation rather than another alternative.

Thank you.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/09/2009 02:40 PM -----

Walter Keyes/R3/USDAFS

05/14/2009 02:14 PM

To

Beverley A Everson/R3/USDAFS@FSNOTES

CC

Subject

Rosemont Mitigation and Alternative Ideas

Thoughts.

1. Most rock, when broken to expose fresh faces, is lighter in albedo than an identical lithology's weathered surfaces. It is likely that the waste rock (and pit wall) surfaces will likely be substantially lighter than the surrounding terrain. That would be a visual problem if true. This should be investigated by measurements of representative existing rock slope albedo and measurements of broken rock from the various lithologies which will constitute the majority of the mass of waste rock. One mitigation measure for all waste rock left in visually obvious areas (visual from SR 83 in particular) would be to preferentially place waste rock of a lithology that has a more-matching albedo (darkness), if it exists. Alternatively, Permeon or Eonite (rock stain) could be used in visually sensitive areas if that was cheaper.

2. So far I have seen nothing indicating any analysis of rainwater thru-percolation for the waste rock dump. This is the same concern (but different material) that I have with the potential for impounded rainwater percolating through the tailings dump. In the case of waste rock there will be much less surface area from which to liberate metals and other constituents, but the mineralogy will be somewhat different,

and also the benefaction (beneficiation?) process would also be different (no milling-flotation processes used on waste rock). This may yield different results from the

3a. Dale Ortman floated an idea that has is worth a continued look in my opinion. Namely a total containment dam located somewhere downstream of the lowest facility involved in the Rosemont endeavor. This would allow total containment of surface water thereby eliminating any possibility of downstream contamination of surface water (only). Groundwater is a different story. But remember that AZ in it's infinite wisdom considers ground water and surface water as two distinct and non-connected entities, as I recall. From the regulatory and "protective" standpoint the "Ortman Dam" option is a good idea.

3b. If the "Ortman Dam" option were to optionally include a waterline which had fresh water delivered to the downstream toe of the dam, in a quantity--and preferably in a seasonality--which mimicked natural flows in the pre-project creekbed, then the negative issue of headwater decapitation by the dam would be eliminated. And Rosemont will have a water line installed to their plant anyway. Upon satisfactory closure of the mine/site, the dam could be breached, piped or removed, thereby eliminating the need to continue to artificially supply water to the system and freeing the proponent of yet one more lingering issue. This would allow the construction of the water pipeline to the dam area to be of a more temporary nature (e.g. HDPE on the surface), further reducing cost AND disturbance.

Please pass this on to whomever should be receiving suggestions on Mitigation or Alternatives.

Walt.

.....  
Walt Keyes -- Roads Engineer  
CoronadoNational Forest  
300 W. Congress, Tucson, AZ 85701  
520-388-8416 voice / 260-9567 cell / 388-8334 fax / wkeyes@fs.fed.us

"Being right too soon is socially unacceptable".  
-- Robert A. Heinlein

.....

**From:** michael.doran@wo.usdafs.nsf;mdoran@fs.fed.us;smtp  
**Sent:** Thu Jun 25 2009 15:10:09 EDT  
**To:** michael.a.linden@r3.usdafs@fsnotes;beverley.a.everson@r3.usdafs@fsnotes  
**CC:**  
**Subject:** HR 2944 article  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Is the Davidson Mine on BLM?

New bill seeks to halt mining in southern Ariz. (06/25/2009)

April Reese, E&E Western reporter

One of the nation's richest regions for minerals and metals could be placed off-limits to mining under a new bill proposed by an Arizona congressman last week.

The Southern Arizona Public Lands Protection Act of 2009, introduced by Rep. Raúl Grijalva (D-Ariz.) last week, would prohibit mining on national forest lands in Pima and Santa Cruz counties along the state's southern border with Mexico. It would also bar future claims on Pima County lands where the Bureau of Land Management administers the mineral estate and prevent geothermal development in the county.

"The community concerns on the current and future mining proposals in our area created the need for this legislation," Grijalva said in a statement announcing the measure. "This bill will prevent speculators from staking claims in areas that are more valuable to citizens of our region and to our economy as they are now."

Under the bill, existing claims can be developed, but only if a company can show that the claim contains a "valuable" mineral deposit.

The legislation, which was requested by Pima County officials, is in response to a spate of new mining activity in southern Arizona, including hotly contested new copper mining projects in the Santa Rita Mountains. But the bill's primary target appears to be the Davidson Canyon mine, slated for just south of the city of Tucson, which is the subject of a fierce, ongoing fight waged by local officials and environmental groups against mining proponents.

'A big, giant hole'

The proposed mine, which would extract limestone to feed the Arizona Portland Cement Co. plant in nearby Rillito, Ariz., would destroy part of the canyon and foul its ecologically and scenically important wetlands, critics contend.

"The Davidson Canyon mine is particularly invasive to the area and very difficult to reclamate -- if not impossible -- because basically they'll build a big, giant hole that's very steep," said Richard Elias, chair of the Pima County board of supervisors.

The county has spent roughly \$20 million to purchase land in the canyon and acquire grazing leases.

"Davidson Canyon is one of our more important riparian areas, and the county has spent a lot of money to protect it," Elias said.

Doug Schlueter, regional vice president for Arizona Cement Co., said he was not familiar with the bill and could not comment on it. But the legislation comes just as the project appears to be moving forward.

The State Land Department has approved a mineral lease agreement for the California Portland Cement Co., the parent company of Arizona Portland Cement, to mine limestone from the canyon for 20 years. The department will receive \$15,972 for the lease in the first year of the agreement.

A similar bill introduced by Grijalva in 2007 never made much headway. But Grijalva spokeswoman Natalie Luna Rose said the bill's prospects have improved. "There seems to be momentum," she said. "Hopefully it will make much more traction in this Congress and administration."

Grijalva, one of Congress' most vocal mining reform advocates, has also reintroduced a bill to withdraw

lands around the Grand Canyon from mining and is co-sponsoring an overarching mining reform bill introduced by Rep. Rick Rahall (D-W.Va.).

Regardless of the legislative outcome, the Davidson Canyon project may meet other regulatory obstacles as it moves forward.

The Army Corps of Engineers, citing "sufficient concerns for the environment," announced in February that it would require the company to apply for a Clean Water Act permit and indicated that the mine could adversely affect an Arizona "outstanding water" downstream from the mine site. The corps noted that the project site also contains foraging habitat for the endangered lesser long-nosed bat, and that there are known roosting sites nearby.

#### Implications for Rosemont

Less clear is the bill's potential impact on the equally contentious Rosemont Copper mine.

Rosemont Copper, a subsidiary of Canada-based Augusta Resource Corp., hopes to extract an estimated 220 million pounds of copper each year on the Rosemont Ranch, one of the largest untapped surface deposits of copper in the country. If fully tapped, Rosemont believes it will account for 10 percent of all U.S. copper extraction over the next 20 years.

Under the company's operations plan, submitted to the Forest Service last summer, about 3,334 acres of the Rosemont project's 4,415-acre footprint would be on national forest lands. The mine itself will encompass primarily private lands, while national forest will be used to dispose of tailings and waste rock . Under federal law, mining firms are entitled to develop mining claims they hold on federal lands. The Forest Service can require mitigation measures to reduce a mine's environmental impacts, but the agency has said it has no authority to prohibit a project under the 1872 mining law.

Grijalva's bill could stymie the Rosemont project by requiring that the company demonstrate its claim is valid before mining can proceed -- a tricky prospect since the extent of the ore body is largely unknown before exploration. In the case of the Rosemont mine, it may need to be developed over several years before reaching the most profitable deposits.

Another complication is the question of whether mining claims on federal lands allow for the dumping of mine wastes if claims in the disposal area would be profitable to mine.

Yet even with the prospect of tougher regulation, opponents of the Rosemont mine doubt the bill would halt the project. "Obviously that struggle is going to continue," Pima County's Elias said.

A draft environmental impact statement for the mine's tailings and waste rock sites, which would sit on federal lands, was due this past March but has been delayed until November.

The state of Arizona, meanwhile, is reviewing the company's reclamation plan for the Rosemont mine. The public comment period for the plan closed June 19.

Mike Doran  
National Locatable Minerals Program Leader  
USDA, Forest Service  
Minerals and Geology Mgt.  
1249 S. Vinnell Way, Suite 200  
Boise, ID 83709  
Ph: (208) 373-4132  
FAX (208) 373-4111

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Thu Jul 09 2009 19:54:05 EDT  
**To:** kbrown03@fs.fed.us; beverson@fs.fed.us; kellett@fs.fed.us; dkriegel@fs.fed.us; sshafiqullah@fs.fed.us; dsbesta@fs.fed.us; wkeyes@fs.fed.us; aek@fs.fed.us; tommett@fs.fed.us; gmckay@fs.fed.us; jones02@fs.fed.us; mfarrell@fs.fed.us; abelauskas@fs.fed.us; rlefevre@fs.fed.us; tclapusc@fs.fed.us; jable@fs.fed.us; sldavis@fs.fed.us; rtaford@fs.fed.us; tfurgason@swca.com; wgillespie@fs.fed.us; teresa@clapusc.com; klgraves@fs.fed.us; ecuriel@fs.fed.us  
**CC:**  
**Subject:** Alternative 6 Visual is on WebEx  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The new alternative - #6 Barrel Only is now uploaded to WebEx. Please refer to these 2 and 3D views to assist you in your evaluation of this alternative's viability.

As always, let me know if you have any issues with the files (or anything else for that matter)!

Thanks!

Mel

<<https://rosemonteis.webexone.com/r.asp?a=5&id=149874>>

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Jun 26 2009 20:39:23 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
andrea w campbell/r3/usdafs@fsnotes;arthur s elek/r3/usdafs@fsnotes;christopher c  
leblanc/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;eli  
curiel/r3/usdafs@fsnotes;george mckay/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnote;john  
**CC:** able/r3/usdafs@fsnotes;kendall brown/r3/usdafs@fsnotes;kent c ellett/r3/usdafs@fsnotes;larry  
jones/r3/usdafs@fsnotes;marc kaplan/r3/usdafs@fsnotes;mary m farrell/r3/usdafs@fsnotes;robert  
lefevre/r3/usdafs@fsnotes;s@fsnotes;salek shafiqullah/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes;tami  
emmett/r3/usdafs@fsnotes;walter keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Completing Bounds of Analysis review  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Several of us have been sent Bounds of Analysis write-ups from our specialist counterparts at SWCA. These were sent out from SWCA a few weeks ago. At this point, I need everyone with a Bounds of Analysis to review to complete the review and to provide a written response with comments for SWCA. Please provide this response to me no later than COB on July 8, and cc to your counterpart at SWCA

If you have already responded to SWCA directly, good job! Please just provide a copy of your response to me.

If you need help in understanding what you're reviewing, please come and discuss it with me, or call me.

Thanks, everyone.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jul 09 2009 19:44:23 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** FW: 2009 07 07 Table 4 Hold.doc  
**Attachments:** Rosemont EIS team members rev 7-8-09 CPC.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached is SWCA's revised project team for the Rosemont Copper Project based on input from Charles. As far as lines of communication between SWCA and the Coronado, we would like requests for additional (and potentially out-of-scope) work should only go to the following:

Marcie Bidwell – Visual Resources

Marcie Bidwell– Soils and Reclamation

Jerome Hesse– Cultural Resources (should we include Suzanne Grisethere?)

Tom Furgason– Biological Resources

And then directly to Charles and me for any other resources/uses. Charles and I would like to negotiate the scopes of work for MWH and SRK on a task by task basis.

Thanks.

Tom

From: Tom Furgason  
Sent: Tuesday, July 07, 2009 4:20 PM  
To: 'Beverley A Everson'; 'Teresa Ann Ciapusci'  
Cc: Melissa Reichard; Charles Coyle  
Subject: 2009 07 07 Table 4 Hold.doc

Bev,

Attached are my revisions pending input from Charles. Please note that there were several revisions on the SWCA side of things. I anticipate that this will need to be revised as we load level all of our projects.

Tom - Rosemont EIS team members rev 7-8-09 CPC.doc

**From:** "ken kertell" <kkertell@swca.com>  
**Sent:** Fri Jul 10 2009 11:27:43 EDT  
**To:** "larry jones" <ljones02@fs.fed.us>; "deborah k sebesta" <dsebesta@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>; "richard a gerhart" <rgerhart@fs.fed.us>; "tom furgason" <tfurgason@swca.com>  
**Subject:** RE: Biological Assessment  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I wanted to let you all know that next week SWCA will be downloading to the WebEx site the revised draft BA. This version includes several additional species that are known to occur or have a reasonable potential of occurring in the action area, which includes Davidson Canyon, and lower Cienega Creek from the Davidson Canyon confluence to the Pantano Bridge.

Ken Kertell  
Senior Scientist/Project Manager  
SWCA Environmental Consultants  
343 W. Franklin Street  
Tucson, AZ 85701  
(520) 325-9194 phone  
(520) 325-2033 fax

From: Tom Furgason  
Sent: Thursday, July 09, 2009 9:08 AM  
To: Larry Jones; Geoff Soroka; Deborah K Sebesta  
Cc: 'Beverley A Everson'; Melinda D Roth; Melissa Reichard; Richard A Gerhart; Ken Kertell  
Subject: RE: neotrop report

Larry,

I placed the MBTA report and the BA on WebEx last night. Please note that Debbie sent an email to us several months ago letting us know that the report was acceptable. Open the folder titled "Resources", then "Biological". I'll have Melissa copy the Westlandreports to WebEx as well.

Tom Furgason  
Program Director  
SWCA Environmental Consultants  
343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

From: Larry Jones [mailto:ljones02@fs.fed.us]  
Sent: Wednesday, July 08, 2009 8:26 AM  
To: Geoff Soroka; Tom Furgason; Deborah K Sebesta  
Subject: neotrop report

can somebody resend me an electronic copy of the migratory bird report done for rosemont...i can't seem to put my hands on it. thanks!

Larry Jones  
Wildlife, Fish, and Rare Plants  
CoronadoNational Forest  
300 W Congress  
Tucson, AZ85701

520-388-8375  
ljones02@fs.fed.us

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Mon Jun 29 2009 10:00:15 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Bounds~ Map boundaries- Visuals and Land use  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Below is my dialogue with Marcie about bounds of analysis for visual quality. There is also some discussion about alternatives here. Are you expecting IDT members to provide something more formal for our response to bounds of analysis work by SWCA...or is this all you need to see?

Debby

----- Forwarded by Debby Kriegel/R3/USDAFS on 06/29/2009 06:57 AM -----

"Marcie Bidwell" <mbidwell@swca.com>  
06/26/2009 02:52 PM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
"Trent Reeder" <treeder@swca.com>  
Subject  
RE: Bounds~ Map boundaries- Visuals and Land use

Debby,

How about the following changes to wrap this up (and agreed regarding adjustments as we go).

These distances are geographically referenced and conceptualized for analysis according to Coronado National Forest management areas: (1) the immediate project site boundary (foreground), and (2) Santa Rita Ecological Management Area (EMA) of the Coronado National Forest (middle ground), and (3) Coronado National Forest boundary. Beyond the Forest, cumulative impacts to visual resources for viewers, residents and visitors to the area include Santa Cruz County to the Canelo Hills and Eastern Pima County to the Empire Mountains (background and further distant views).

Trent and Debby,

Below are notes from Debby and I's review of the

## Debrief from Visual Fly Around Meeting- Alternatives Development

1. Dale to draw new options and combinations of alternatives to send to Trent for GIS
2. ID Team to visit Sycamore Canyon and other areas to consider (Weds).
3. Trent to create new figures for the ID Team per Melissa's email instructions
4. Marcie to suggest new KOPs for alternatives (Gunsight, Sycamore view i.e. Sahaurita dogleg, Tucson, Northern 83)
5. Debby and Marcie to evaluate basic alternative options for Best Visual Alt and Worst Visual Alt- two weeks
6. Debby to record general iconic photographs and mine reclamation photographs
7. Trent to extend Existing SR83 Viewshed Analysis (linear viewshed analysis) north up to Interstate 19
8. Marcie to update Site Analysis diagram with new viewshed analysis information
9. Marcie and Trent to create a section line diagram at key locations to analyze optimum height for hidden structures
10. Debby to request from RCC Permion and soil geology study-

Tuesday Meeting with Debby, Trent and I to review and prepare for Weds alternative meeting tour

Thanks!  
Marcie

From: Debby Kriegel [mailto:dkriegel@fs.fed.us]  
Sent: Friday, June 26, 2009 12:57 PM  
To: Marcie Bidwell  
Subject: Re: Bounds~ Map boundaries- Visuals and Land use

Marcie:

This looks good, except I don't see the "Coronado National Forest" boundary. This one is very useful for cumulative effects. Please add it to your report.

Also, I'm assuming that this isn't locked in this early in the process. It's a great starting point and shouldn't change a lot, but as analysis proceeds, we may find that it needs some tweaking.

Thanks!

Debby

"Marcie Bidwell" <mbidwell@swca.com>  
06/25/2009 11:44 AM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>, "Charles Coyle" <ccoyle@swca.com>  
cc  
"Lara Mitchell" <lmitchell@swca.com>  
Subject  
Bounds~ Map boundaries- Visuals and Land use

Debby and Charles,

Incorporating feed back and input from both of you and multiple sources, here is the final version of hte bounds of analysis.

Please let me know if you have any questions!  
Marcie

From: Debby Kriegel [mailto:dkriegel@fs.fed.us]  
Sent: Tuesday, June 16, 2009 9:04 AM  
To: Marcie Bidwell  
Cc: Debby Kriegel  
Subject: Re: Bounds~ Map boundaries- Visuals and Land use

Marcie: Here are my comments (in red). Thanks. Debby

#### VISUAL RESOURCES:

1. The temporal bounds of analysis for Visual Resources is intended to include the area that may impact or be impacted by the proposed project. As such, the temporal bounds of analysis include Construction, Operations, Reclamation, and Post-Closure. Additionally, within the Operations time boundary, a sub-boundary for visual resources will include the completion reclamation of the tailings berm perimeter buttress that is intended to screen the mine operation. (the last sentence is not necessary, as this will be covered within the other boundaries, but if you think it's important to mention, that's fine)

2. The geographic bounds of the visual resource analysis is defined as (1) the project site (project boundary), (2) Nogales Forest Unit, Santa Rita EMA (3) Coronado National Forest, and (4) Santa Cruz County and Eastern Pima Counties.

#### LAND USE: Is this a new issue?

1. The temporal bounds of analysis for Land Use is intended to describe the land use planning that may impact or be impacted by the proposed project. As such, the temporal bounds of analysis include Construction, Operations, Reclamation, and Post-Closure.

2. Geographic- The potential impacts to Land Use Resources include the project area and surrounding lands as they are managed for land use, and are defined as (1) the project site (project boundary), (2) Nogales Forest Unit, (3) Coronado National Forest, and (4) southern Santa Cruz and northern Pima Counties.

"Marcie Bidwell" <mbidwell@swca.com>  
06/15/2009 11:55 AM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>  
cc

Subject  
Bounds~ Map boundaries- Visuals and Land use

Hello Debby

Welcome back~ hope you had a great time up north on vacation.

Please see the bounds of analysis discussion below. I had sent you a short description of it before you left, but I am not sure that we actually decided. I have further added on to that description and descriptions. As we need to have an easily definable area, I shy'd away from doing a visual analysis of all areas that can see the Santa Ritas, and tried to use boundaries that already exist. You and I have discussed that Tucson is within view of the Santa Ritas, and thought that Pima County might be a good way to capture that area in a easier to define way.

Finally, I also suggested that we use the Nogales Forest Unit and the Coronado NF as two others, as the LRMP is defined by those units.

Please confirm/comment on the list below,

Thanks!

Marcie

---

From: Lara Mitchell

Sent: Monday, June 15, 2009 10:34 AM

To: Marcie Bidwell

Subject: RE: Bounds~ Map boundaries- Visuals and Land use

Hi Marcie

Just wanted to double check on the bounds for the maps, you want to show all of the Coronado NF, highlighted in blue on the attached screen shot? And all of Pima county, all the way out past Ajo?

Thanks

<<visual\_miles.pdf>>

---

From: Marcie Bidwell

Sent: Friday, June 12, 2009 3:19 PM

To: Lara Mitchell; Charles Coyle; Stephen Leslie

Subject: Bounds~ Map boundaries- Visuals and Land use

Lara and Charles!

Here is what I recommend to the Forest for visuals. The boundaries should be existing GIS files.

VISUALS:

1. The temporal bounds of analysis for Visual Resources is intended to include the area that may impact or be impacted by the proposed project. As such, the temporal bounds of analysis include Construction, Operations, Reclamation, and Post-Closure. Additionally, within the Operations time boundary, a sub-boundary for visuals will include the completion reclamation of the tailings berm that is intended to screen the mine operation.

2. The geographic bounds of the visual resource analysis is defined as (1) the project site (project boundary), (2) Nogales Forest Unit, (3) Coronado National Forest, and (4) Santa Cruz and Pima Counties.

LAND USE:

1. The temporal bounds of analysis for Land Use is intended to describe the land use planning that may impact or be impacted by the proposed project. As such, the temporal bounds of analysis include Construction, Operations, Reclamation, and Post-Closure.

2. Geographic- The potential impacts to Land Use Resources include the project area and surrounding lands as they are managed for land use, and are defined as (1) the project site (project boundary), (2) Nogales Forest Unit, (3) Coronado National Forest, and (4) southern Santa Cruz and northern Pima Counties.

If "northern Santa Cruz" and "southern Pima" is hard to define (perhaps cut them in half), then we could use the whole counties. Either way.

Marcie Demmy Bidwell  
Environmental Planner  
515 East College Avenue  
Durango, Colorado 81301  
Office: 970.385.8566  
Fax: 970.385.1938

[www.swca.com](http://www.swca.com) [attachment "visual\_miles.pdf" deleted by Debby Kriegel/R3/USDAFS]

**From:** george mckay/r3/usdafs;nsf;gmckay@fs.fed.us;smtp  
**Sent:** Fri Jun 26 2009 22:40:34 EDT  
**To:** reta laford/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** Fw: Rosemont Copper Project - Bounds of Analysis: Land Use Resources  
**Attachments:** Land Use Bounds of Analysis 06232009\_mt.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Reta: we really need a way to schedule due dates for all the forest ID team so they all do not come due within a days or two of each other. I have assignments for Travel Analysis, Forest Plan Revision, all due in the next couple days and weeks. In addition, I have read the last paragraph at least 4 times and still do not understand what it means. If there was ever a case for "simpler English" that paragraph may be it (pun intended).

Bev: although I do not disagree with the bounds of analysis for land use resources. However, there is absolutely nothing to back up statements like "Land use north of this area would be more influenced by....than by the Rosemont Copper Project", "Land use south of this area would be more influenced by....than by the Rosemont Copper Project" etc., etc. The old forest planner (John Turner) use to call those "naked conclusions". How do I quantify those statements if they are questioned? Do you have an example of a good bounds of analysis for land use resources I can use for guidance.

----- Forwarded by George McKay/R3/USDAFS on 06/26/2009 06:37 PM -----

"Molly Thrash" <mthrash@swca.com>  
06/24/2009 09:05 AM

To  
<gmckay@fs.fed.us>  
cc

Subject  
Rosemont Copper Project - Bounds of Analysis: Land Use Resources

Good morning, George.

I'm Molly, with SWCA (which you could figure out from the email header) in the Durango, CO office. I've just joined the Rosemont team as of last week, and am taking over for land use resources.

Attached, please find the Bounds of Analysis for land use resources for your review and input. I'd like to get this submitted to the project file as final, but need your approval first.

If you have any questions or concerns, please feel free to call me! I look forward to talking with you at your convenience.

Thanks!  
-molly

Molly Thrash  
NEPA Coordinator  
SWCA Environmental Consultants  
Durango Office  
130 Rock Point Drive, Suite A  
Durango, CO 81301  
office 970-385-8566  
cell 970-769-5006  
mthrash@swca.com

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Mon Jun 29 2009 16:22:16 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Completing Bounds of Analysis review  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks, Bev. I have spoken on the phone with the folks writing night skies and socioeconomic impacts and am expecting their write-ups soon.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

Beverley A Everson/R3/USDAFS  
06/26/2009 06:39 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Andrea W Campbell/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, Christopher C LeBlanc/R3/USDAFS@FSNOTES, Debby Kriegel/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, Eli Curiel/R3/USDAFS@FSNOTES, George McKay/R3/USDAFS@FSNOTES, Heidi Schewel/R3/USDAFS@FSNOTE, John Able/R3/USDAFS@FSNOTES, Kendall Brown/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Larry Jones/R3/USDAFS@FSNOTES, Marc Kaplan/R3/USDAFS@FSNOTES, Mary M Farrell/R3/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, S@FSNOTES, Salek Shafiqullah/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES, Tami Emmett/R3/USDAFS@FSNOTES, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES  
Subject  
Completing Bounds of Analysis review

Several of us have been sent Bounds of Analysis write-ups from our specialist counterparts at SWCA. These were sent out from SWCA a few weeks ago. At this point, I need everyone with a Bounds of Analysis to review to complete the review and to provide a written response with comments for SWCA. Please provide this response to me no later than COB on July 8, and cc to your counterpart at SWCA

If you have already responded to SWCA directly, good job! Please just provide a copy of your response to me.

If you need help in understanding what you're reviewing, please come and discuss it with me, or call me.

Thanks, everyone.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Wed Jun 16 2010 14:24:18 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Rosemont - Data requests for SWCA visual quality work  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here's an update from Marcie. She still has not received what she needs to begin simulations.

----- Forwarded by Debby Kriegel/R3/USDAFS on 06/16/2010 11:23 AM -----

"Marcie Bidwell" <mbidwell@swca.com>  
06/16/2010 10:09 AM

To  
"Tom Furgason" <tfurgason@swca.com>, "Trent Reeder" <treeder@swca.com>, "Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
"Melissa Reichard" <mreichard@swca.com>, "Lara Mitchell" <lmitchell@swca.com>  
Subject  
FW: Data requests

Tom and Debby,

Just to keep you updated, Tetra Tech uploaded some data for SWCA in the last few days. Again, however, the contour data did not include attributes (the actual elevation values) that makes it possible to project these line drawings into 3D. We also received the road data for the MPO and the fence data. We are still waiting on majority of the request.

Trent is following up and asking for them to resubmit the data. He has been in communication with Melissa and Lara.

Additionally, we have not received input on the stormwater diagram that we sent to Tetra Tech for approval as a mock up of stormwater features on the MPO.

As it is now June 16th and we still do not have data, we will continue to do the best that we can. However, there are still gaps that the SWCA team is continuing to request. We had requested that we receive the data at some point, we need a drop-dead date as to when features are included in the EIS for August 15. We have to start moving on these images in order to have time for drafts and review.

We will keep you posted,  
Marcie

From: Trent Reeder  
Sent: Wednesday, June 16, 2010 9:33 AM  
To: 'Carrasco, Joel'; 'Keepers, Ashley'; 'Krizek, David'; Marcie Bidwell  
Subject: RE: Data requests

Thank you for beginning to upload my requested data. The MPO primary access road worked wonderfully and I was able to modify the surface to reflect the cut and fill characteristics.

I started working on the contour data for the Phased Tailings and noticed no elevations existed for the contours. Could you please resend the contours for the Phased Tailings with elevations in the attribute table.

Thanks for your help!

Trent

From: Marcie Bidwell  
Sent: Wednesday, May 26, 2010 10:28 AM  
To: Trent Reeder; 'Carrasco, Joel'; 'Keepers, Ashley'; 'Krizek, David'  
Subject: RE: Data requests

Thank you David, Joel and Ashley, for your help with the request.

This is basically the same list that we have been circulating since January, with updates included from the recent changes in alternatives.

Where we are asking for data that we should have, Trent and Lara have checked SWCA's records/files and we are missing elevations from the data previously submitted.

Thanks for your assistance,  
Marcie

From: Trent Reeder  
Sent: Wednesday, May 26, 2010 10:24 AM  
To: Carrasco, Joel; Keepers, Ashley; Krizek, David  
Cc: Marcie Bidwell  
Subject: Data requests  
Hello,

Would it be possible to upload these datasets to the FTP?

- Phased Tailings "wavy gravy" contours (with elevations) - you uploaded a version back in February, but these contours seem to be different than what has been represented in the Stormwater/Reclamation Concept PDF.
- Updated Scholefield contours (with elevations)
- Updated Barrel Only contours (with elevations) - if this is not ready yet, then please let Marcie and I know when you think it may be ready.
- Haul Roads - we have the original MPO versions, but please send the updated Haul Roads with the updated Alts.
- Main Access Roads with grading contours (elevations) - We have the two original versions of the access roads, but please resend these if they have been updated based on updated Alts. Please send the grading (with elevations) for these access roads. Also, what is the ROW in feet for the Access Roads?
- West Side Access Road - I have two pieces of this road. I am interested in the updated access road

alignment as it comes into the project/facility area. I have a number of different versions, but none of them matched to what was depicted on the Phased Tailings Stormwater/Reclamation Concept PDF. Could you please send this along with grading contours (with elevations) if possible.

- Facility Data - Can you please update us on the status of facility data. Can you send the facility grading contours (with elevations) if available now? Will the facility layout and grading contours change based on the varying Alts? If so, please send us each version when available. Another option at this moment would be data depicting each of the facility building footprints with building bottom elevations and top building elevations or building heights so we could conduct some preliminary simulation studies.
- Perimeter Access Road - Can you please send the road data with grading contours (with elevations) for each of the Alts if the road differs between them.
- Perimeter Fence - we have one version of this, but a portion of the MPO Dry Stack Tailings overlaps the perimeter fence. Has this been updated? Does the fence change based on the different Alts?

I am asking for quite a bit here and understand if some of this data is not ready for export. If the data is not ready, could you please just let us know when it will be. Also, let us know if some of this data is not going to be created, i.e. Perimeter Fence for each Alt or Facility grading contours for the different Alts.

Thanks for all your help and please let me know if you have any questions!

Trent Reeder  
GIS Specialist  
SWCA Environmental Consultants  
treeder@swca.com  
130 Rock Point Dr. Suite A  
Durango, Colorado 81303  
Work (970) 385-8566  
Fax (970) 385-1938  
www.swca.com

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Jul 13 2009 12:02:23 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "melinda d roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Potential Mitigation Measures\_TF 071309.doc  
**Attachments:** Potential Mitigation Measures\_TF 071309.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached is the table with potential mitigation measures that were identified during the alternatives development process. Please note that I organized mitigation by issues and some proposed mitigation address more than one issue. For example, paving roads may mitigate impacts to air and surface water quality. Also, some mitigation that was proposed addressed non-significant issues such as grazing. I retained these for completeness.

I suspect that we'll develop a more comprehensive list of mitigation when we complete the action alternatives. Please let me know if you have any questions. Thanks.

Tom - Potential Mitigation Measures\_TF 071309.doc

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Jun 29 2009 18:45:26 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes  
**CC:**  
**Subject:** SWCA status report and other questions  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Tom was glad I just called because he forgot to get the status report together for tomorrow's meeting with Rosemont. He will work on it and send it to Bev, TA and me.

When I asked about role clarification between Tom and Charles, this is what Tom said:

Tom - Monthly status reports  
Tom - Alternatives  
Charles - Issues  
Charles - Chapter 3  
Melissa - Project Record

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Re: call for agenda items for tomorrow's meeting

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Jul 13 2009 14:53:01 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** ccoyle@swca.com;daleortmanpe@live.com;john able/r3/usdafs@fsnotes;mreichard@swca.com;reta laford/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;tfurgason@swca.com  
**Subject:** Re: call for agenda items for tomorrow's meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Review table of alternative and mitigation ideas

Mindee Roth  
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Beverley A Everson/R3/USDAFS  
07/13/2009 11:46 AM

To  
Melinda D Roth/R3/USDAFS@FSNOTES, tfurgason@swca.com, ccoyle@swca.com, Reta  
Laford/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, John  
Able/R3/USDAFS@FSNOTES, mreichard@swca.com, daleortmanpe@live.com  
cc

Subject  
call for agenda items for tomorrow's meeting

Please submit yours. We'll be meeting in Reta's office at 9:30. Thank you.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Re: call for agenda items for tomorrow's meeting

The problem is that the Reclamation Plan is not a resource area but an overarching program to physically and chemically stabilize the site and return it, as much as reasonable, to beneficial use; it is not to restore the site to its current condition or use. If there is a significant issue around the reclamation plan all I can come up with is that the plan needs to be evaluated to ensure it is likely to (1) physically & chemically stabilize the site, and (2) achieve, to a reasonable level, the stated post-mine beneficial use. However, in order to do this the agency needs to determine that these two general goals are indeed what it wants for “reclamation” and what is the preferred post-mine beneficial use.

## **RECLAMATION PLAN**

**Issue – The Reclamation Plan must be evaluated to ensure it may likely achieve the reclamation goals.** Mine construction and operation will result in long-term alteration of the area and consequent land use changes. The Reclamation Plan must be designed to achieve the fundamental goals of:

- Physical and chemical stabilization of the site;
- Development of the appropriate post-mine beneficial land use(s).

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Jul 13 2009 13:29:56 EDT  
**To:** salek shafiqullah/r3/usdafs@fsnotes;eli curiel/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** Fw: Dale's Water and Reclamation Plan Issue Statements  
**Attachments:** Issue Statement - Reclamation Plan - 7-12-2009.doc;Issue Statement - Water - 7-12-2009.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Issue statements for Water and Reclamation Plan were difficult for Charles and I . Attached are Dale's ideas for your review and comment along with the document I sent earlier today. Thx.

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(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 07/13/2009 10:27 AM -----

"Charles Coyle" <ccoyle@swca.com>  
07/13/2009 08:12 AM

To  
"Melinda D Roth" <mroth@fs.fed.us>  
cc  
"Dale Ortman PE" <daleortmanpe@live.com>, "Tom Furgason" <tfurgason@swca.com>  
Subject  
Dale's Water and Reclamation Plan Issue Statements

Hi Mindee:

Please see the attached files from Dale. I'm really glad he was available to help us out on these.

Also, guess I was wrong about water quality being a separate element (unless one makes the distinction of hydrologic flow—or "flow regime," to use Dale's terminology—and water quality). I defer to the way Dale expresses these issues.

Charles Coyle  
Senior Project Manager  
SWCA Environmental Consultants  
3033 North Central Ave., Suite 145

Phoenix, AZ 85012

Phone: 602-274-3831 ext 1108

Fax: 602-274-3958

www.swca.com

Sound Science. Creative Solutions.

From: Dale Ortman PE [mailto:daleortmanpe@live.com]

Sent: Sunday, July 12, 2009 8:11 AM

To: Charles Coyle

Cc: Tom Furgason

Subject: Water Issue Statement

Charles,

Here's my cut at the Water Issue Statement. I've incorporated elements from both your and Mindee's versions and included what I hope are useful comments to let you see my thinking.

I'll tackle the Reclamation Plan next.

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

(520) 896-2404 - Arizona Office

(520) 449-7307 - Mobile

(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Dec 20 2010 16:26:45 EST  
**To:** rlefevre@fs.fed.us;seanlockwood@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;tjchute@msn.com;walterkeyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;jeremy j sautter/r3/usdafs@fsnotes;tjchute@msn.com  
**CC:**  
**Subject:** Fw: BLM comments of Rosemont EIS - Internal Review Draft  
**Attachments:** Internal Draft Review Comments\_Compiled\_2010\_12\_14.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

For your information, received last week.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 12/20/2010 02:25 PM -----

Melinda D Roth/R3/USDAFS  
12/15/2010 08:46 AM

To  
tfurgason@swca.com, jrigg@swca.com, tjchute@msn.com  
cc  
Beverley A Everson/R3/USDAFS@FSNOTES, Reta Laford/R3/USDAFS@FSNOTES  
Subject  
Fw: BLM comments of Rosemont EIS - Internal Review Draft

FYI... I haven't looked at this yet other than to note it is 33 pages. Army Corps comments aren't expected until early- to mid-January. Reta and the RO are refining a schedule based, in part, on the Region's expectations for their internal working DEIS review. Stay tuned.

Mindee Roth  
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300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
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(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 12/15/2010 08:41 AM -----

d3moore@blm.gov  
12/14/2010 04:27 PM

To  
Melinda D Roth <mroth@fs.fed.us>  
cc  
calvarez@blm.gov  
Subject  
BLM comments of Rosemont EIS - Internal Review Draft

Mindee,

Please find attached BLM's comments on the subject document. Thank you for providing us the opportunity to review the document. If you need any clarifications concerning the comments please let me know. However, with the upcoming holidays responses may take some time. The comments provided here are not complete. The BLM will provide any additional comments on the next draft of the document (Cooperating Agency release?). Best wishes for the holidays.

Dan

(See attached file: Internal Draft Review  
Comments\_Compiled\_2010\_12\_14.docx)

---

Daniel Moore  
Geologist, R.G.  
Bureau of Land Management  
Tucson Field Office  
12661 E Broadway Blvd  
Tucson, AZ 85748

Ph: 520 258-7234  
Fx: 520 258-7238  
Daniel\_J\_Moore@blm.gov

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Dec 20 2010 17:23:48 EST  
**To:** abelauskas@fs.fed.us;aelek@fs.fed.us;cablair@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;hschewel@fs.fed.us;jeremy j sautter/r3/usdafs@fsnotes;ljones02@fs.fed.us;melinda d roth/r3/usdafs@fsnotes;mfarrell@fs.fed.us;mreichard@swca.com  
**CC:**  
**Subject:** Fw: BLM comments of Rosemont EIS - Internal Review Draft  
**Attachments:** Internal Draft Review Comments\_Compiled\_2010\_12\_14.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

For your information, received last week.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 12/20/2010 02:25 PM -----

Melinda D Roth/R3/USDAFS  
12/15/2010 08:46 AM

To  
tfurgason@swca.com, jrigg@swca.com, tjchute@msn.com  
cc  
Beverley A Everson/R3/USDAFS@FSNOTES, Reta Laford/R3/USDAFS@FSNOTES  
Subject  
Fw: BLM comments of Rosemont EIS - Internal Review Draft

FYI... I haven't looked at this yet other than to note it is 33 pages. Army Corps comments aren't expected until early- to mid-January. Reta and the RO are refining a schedule based, in part, on the Region's expectations for their internal working DEIS review. Stay tuned.

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----- Forwarded by Melinda D Roth/R3/USDAFS on 12/15/2010 08:41 AM -----

d3moore@blm.gov  
12/14/2010 04:27 PM

To  
Melinda D Roth <mroth@fs.fed.us>  
cc  
calvarez@blm.gov  
Subject  
BLM comments of Rosemont EIS - Internal Review Draft

Mindee,

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Dan

(See attached file: Internal Draft Review  
Comments\_Compiled\_2010\_12\_14.docx)

---

Daniel Moore  
Geologist, R.G.  
Bureau of Land Management  
Tucson Field Office  
12661 E Broadway Blvd  
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Ph: 520 258-7234  
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Daniel\_J\_Moore@blm.gov

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Jul 13 2009 14:54:07 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
abelauskas@fs.fed.us;aelek@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jable@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;klgraves@fs.fed.us;jones02@fs.fed.us;mfarrell@fs.fed.us;melissa  
**CC:** reichard <mreichard@swca.com>;rosemonteis  
<notify@weboffice.com>;rlaford@fs.fed.us;rlfevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;tciapusci@fs.fed.us;temmett@fs.fed.us;teresa@ciapusci.com;tfurgason@swca.com;wgillespie@fs.fed.us;wkeyes@fs.fed.us  
**Subject:** July 22 Rosemont IDT meeting agenda  
**Attachments:** 07222009\_agenda.xml

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Forwarded from Mindee -

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** george mckay/r3/usdafs;nsf;gmckay@fs.fed.us;smtp  
**Sent:** Wed Jul 01 2009 11:51:17 EDT  
**To:** "molly thrash" <mthrash@swca.com>  
**CC:** beverley a everson/r3/usdafs@fsnotes;"charles coyle" <ccoyle@swca.com>;teresa ann ciapusci/r3/usdafs@fsnotes  
**Subject:** Re: FW: Rosemont Copper Project - Bounds of Analysis: Land Use Resources  
**Attachments:** Land Use Bounds of Analysis 06232009\_mt.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Although I do not necessarily disagree with the bounds of analysis for land use resources (I am not quite sure what the intent is by what is written), there is absolutely nothing to back up statements like "Land use north of this area would be more influenced by....than by the Rosemont Copper Project", "Land use south of this area would be more influenced by....than by the Rosemont Copper Project" etc., etc. The old forest planner (John Turner) use to call those "naked conclusions". How do you quantify or defend those statements if they are challenged? What is your basis for determining the influence?

I think it would be much simpler to use I-10 on the north, I-19 on the west, Highway 83 on the east (except where it traverses national forest, then I would use "the eastern boundary of the Santa Rita Mountain Unit, Nogales Ranger District, Coronado National Forest"), and Highway 82 on the south. You could still include the communities along those routes if you desire.

The southern description is very vague. It also appears to indicate Highway 82 is the primary haul route. I am not sure that is correct.

In addition, I have read the last paragraph at least 4 times and still do not understand what it means.

"Molly Thrash" <mthrash@swca.com>  
06/30/2009 12:58 PM

To  
<gmckay@fs.fed.us>  
cc  
"Charles Coyle" <ccoyle@swca.com>, <beverson@fs.fed.us>  
Subject  
FW: Rosemont Copper Project - Bounds of Analysis: Land Use Resources

George,

Have you had a chance to read over the land use bounds of analysis for the Rosemont Copper project? I have submitted it for map generation, but that's subject to change based on any input you'd like to provide.

I'd like to get started on the Affected Environment discussion for Land Use next week, so would appreciate

any feedback you might want to offer.

Thanks!  
Molly

Molly Thrash  
NEPA Coordinator  
SWCA Environmental Consultants  
Durango Office  
130 Rock Point Drive, Suite A  
Durango, CO 81301  
office 970-385-8566  
cell 970-769-5006  
mthrash@swca.com

From: Molly Thrash  
Sent: Wednesday, June 24, 2009 10:05 AM  
To: 'gmckay@fs.fed.us'  
Subject: Rosemont Copper Project - Bounds of Analysis: Land Use Resources

Good morning, George.

I'm Molly, with SWCA (which you could figure out from the email header) in the Durango, CO office. I've just joined the Rosemont team as of last week, and am taking over for land use resources.

Attached, please find the Bounds of Analysis for land use resources for your review and input. I'd like to get this submitted to the project file as final, but need your approval first.

If you have any questions or concerns, please feel free to call me! I look forward to talking with you at your convenience.

Thanks!  
-molly

Molly Thrash  
NEPA Coordinator  
SWCA Environmental Consultants  
Durango Office  
130 Rock Point Drive, Suite A  
Durango, CO 81301  
office 970-385-8566  
cell 970-769-5006  
mthrash@swca.com

**From:** karnold@augustaresource.com  
**Sent:** Tue Feb 19 2008 20:18:20 EST  
**To:** "beverley a. everson" <beverson@fs.fed.us>  
**CC:** "brian lindenlaub" <blindenlaub@westlandresources.com>  
**Subject:** Re: PoO questions  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev-

Sorry for the confusion, c-1 will be drilled to 2500 feet and be used to monitor groundwater as well as provide geotech information. Other than that hole (C-1) no hole will go deeper than 200 feet or whatever specified in the plan. I think the plan was 200 feet total or 50 feet into bedrock whichever is least and we wrote to be about 200 feet.

The additional support equipment and supplies would be the same as for the wells, the completion will be as a piezometer rather than as a well. We think we will have to use the well rig to get to the depth we need.

I am copying Brian as I will be in Denver or on a plane and if you need clarification and cannot get me, please contact him.

Cheers!

Kathy  
Sent from my Verizon Wireless BlackBerry

-----Original Message-----

From: Beverley A Everson <beverson@fs.fed.us>

Date: Tue, 19 Feb 2008 17:04:49  
To: karnold@augustaresource.com  
Subject: RE: PoO questions

Hi Kathy,

Here's another question regarding the plan of operations; section 3.10 of the plan (project summary) states that the geotech boreholes will go to a depth of approximately 100' to 200'. However, page 5 of the plan discusses 2,500' borehole (C-1). Was this hole just overlooked in the project summary? You and I talked about this hole, but I just want to make of what is actually being proposed.

Are there any other boreholes that will be greater than the approximate 100' to 200' depth? Also, is it correct to say that other than C-1, the boreholes will no deeper than 200'? 250'? or ?

Also, on page 5 of the plan, last paragraph, 3rd sentence, its stated that borehole C-1 may require additional additional support equipment and supplies. What would the equipment and supplies consist of?

Thanks.

Bev

P.S. You can disregard my voicemail message concerning permeability testing.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Jul 13 2009 17:50:53 EDT  
**To:** tfurgason@swca.com  
**CC:**  
**BCC:** beverley a everson/r3/usdafs  
**Subject:** Alts considered but dismissed table  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

On page 5, there is a reference to 36 CFR 222 that I think should be 36 CFR 228.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Alts Currently being considered and eliminated

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Jul 13 2009 16:10:17 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>  
**CC:** "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Alts Currently being considered and eliminated  
**Attachments:** Alts being considered\_TF\_MR.doc; Alts dismissed table\_TF\_MR.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached are the tables of alternatives currently being considered and those that have been dismissed.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

- Alts dismissed table\_TF\_MR.doc - Alts being considered\_TF\_MR.doc

**From:** "john windes" <jwindes@azgfd.gov>  
**Sent:** Mon Jul 13 2009 18:19:26 EDT  
**To:** <rgerhart@fs.fed.us>; <tfurgason@swca.com>  
**CC:** <beverson@fs.fed.us>; <blindenlaub@westlandresources.com>; <dsebesta@fs.fed.us>; <jason\_douglas@fws.gov>; <jsturgess@augustaresource.com>; <kkertell@swca.com>; <lJones02@fs.fed.us>; <mroth@fs.fed.us>; <sherry\_barrett@fws.gov>; <tciapusci@fs.fed.us>  
**Subject:** Re: Rosemont Mine BA and proposed meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Fifth is bad for me can do 6 or 7th

From: Richard A Gerhart <rgerhart@fs.fed.us>  
To: Tom Furgason <tfurgason@swca.com>  
Cc: beverson@fs.fed.us <beverson@fs.fed.us>; blindenlaub@westlandresources.com <blindenlaub@westlandresources.com>; Debbie Sebesta <dsebesta@fs.fed.us>; Jason M. Douglas <Jason\_douglas@fws.gov>; jsturgess@augustaresource.com <jsturgess@augustaresource.com>; Ken Kertell <kkertell@swca.com>; Larry Jones <lJones02@fs.fed.us>; mroth@fs.fed.us <mroth@fs.fed.us>; Sherry\_Barrett@fws.gov <Sherry\_Barrett@fws.gov>; Teresa Ann Ciapusci <tciapusci@fs.fed.us>; John Windes  
Sent: Mon Jul 13 15:08:46 2009  
Subject: RE: Rosemont Mine BA and proposed meeting

Having now returned from out of town, I see the email string ended with a suggestion for August 5th. Do we have consensus on that?

Sherry, Jason: Is your conference room available for either the 4th or 5th?

Rick

Richard A. Gerhart  
Wildlife, Fish and Rare Plants Program Manager  
Coronado National Forest  
300 West Congress  
Tucson AZ 85701  
(520) 388-8374  
rgerhart@fs.fed.us

"Tom Furgason" <tfurgason@swca.com>

07/08/2009 08:25 PM

To  
<Sherry\_Barrett@fws.gov>  
cc  
"Debbie Sebesta" <dsebesta@fs.fed.us>, "Jason M. Douglas" <Jason\_douglas@fws.gov>, "Ken Kertell" <kkertell@swca.com>, "Larry Jones" <lJones02@fs.fed.us>, <rgerhart@fs.fed.us>, <jsturgess@augustaresource.com>, <blindenlaub@westlandresources.com>, <beverson@fs.fed.us>, <mroth@fs.fed.us>, <tciapusci@fs.fed.us>  
Subject  
RE: Rosemont Mine BA and proposed meeting

Sherry,

August 5th would also work for Rosemont Copper Company if that works for the rest of the group.

Tom Furgason  
Program Director  
SWCA Environmental Consultants  
(520) 325-9194 office  
(520) 820-5178 cell

From: Sherry\_Barrett@fws.gov [mailto:Sherry\_Barrett@fws.gov]  
Sent: Wed 7/8/2009 3:53 PM  
To: Tom Furgason  
Cc: Debbie Sebesta; Jason M. Douglas; Ken Kertell; Larry Jones; rgerhart@fs.fed.us  
Subject: Re: Rosemont Mine BA and proposed meeting

I'll be in Belgium (from Aug 6-Aug 18).

Sherry Barrett  
U.S Fish and Wildlife Service  
201 N. Bonita, Suite 141  
Tucson, AZ 85745  
Phone: 520.670.6150 ext 223  
Fax: 520.670.6155

tfurgason@swca.com

07/08/2009 03:43 PM

Please respond to  
tfurgason@swca.com

To  
Sherry\_Barrett@fws.gov, "Ken Kertell" <kkertell@swca.com>  
cc  
"Debbie Sebesta" <dsebesta@fs.fed.us>, "Jason M. Douglas" <Jason\_douglas@fws.gov>, "Larry Jones" <ljones02@fs.fed.us>, rgerhart@fs.fed.us  
Subject  
Re: Rosemont Mine BA and proposed meeting

Sherry,

Rosemont Copper has requested to be present at this meeting. The best date for them would be August 6. Could we look at this date instead of the 4th?

Tom Furgason  
Program Director  
SWCA Environmental Consultants

Sent from my Verizon Wireless BlackBerry

From: Sherry\_Barrett@fws.gov  
Date: Wed, 8 Jul 2009 11:45:17 -0700  
To: Ken Kertell<kkertell@swca.com>  
Subject: Re: Rosemont Mine BA and proposed meeting

How about if we shoot for Aug 4?

Sherry Barrett  
U.S Fish and Wildlife Service  
201 N. Bonita, Suite 141  
Tucson, AZ 85745  
Phone: 520.670.6150 ext 223  
Fax: 520.670.6155

"Ken Kertell" <kkertell@swca.com>

07/08/2009 08:53 AM

To  
"Larry Jones" <ljones02@fs.fed.us>, <dsebesta@fs.fed.us>, <rgerhart@fs.fed.us>  
cc  
<Sherry\_Barrett@fws.gov>, <Jason\_Douglas@fws.gov>, "Tom Furgason" <tfurgason@swca.com>  
Subject  
Rosemont Mine BA and proposed meeting

I am available on August 3, 4, or 5. Also, I am finishing a revised draft BA based on my initial attempt to define the action area for the project. Included are aquatic and riparian-obligate species along lower Cienega Creek from the confluence of Davidson Canyon to the Pantano Bridge.

Ken Kertell  
Senior Scientist/Project Manager  
SWCA Environmental Consultants  
343 W. Franklin Street  
Tucson, AZ 85701  
(520) 325-9194 phone  
(520) 325-2033 fax

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Tue Jul 14 2009 14:41:30 EDT  
**To:** richard a gerhart/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes  
**Subject:** Fw: Rosemont Mine BA and proposed meeting (Aug 5)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

It was suggested today that BLM and Corp of Engineers could be involved in this and future meetings, as their related Rosemont decisions will also require FWS consultation.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 07/14/2009 11:39 AM -----

Sherry\_Barrett@fws.gov  
07/14/2009 11:03 AM

To  
Richard A Gerhart <rgerhart@fs.fed.us>  
cc  
beverson@fs.fed.us, blindenlaub@westlandresources.com, "Debbie Sebesta" <dsebesta@fs.fed.us>, "Jason M. Douglas" <Jason\_douglas@fws.gov>, jsturgess@augustaresource.com, JWindes@azgfd.gov, "Ken Kertell" <kkertell@swca.com>, "Larry Jones" <ljones02@fs.fed.us>, mroth@fs.fed.us, Teresa Ann Ciapusci <tciapusci@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>  
Subject  
RE: Rosemont Mine BA and proposed meeting (Aug 5)

Aug 5 works for Jason and me. Our conference room is available. What time should we meet?

Sherry Barrett  
U.S Fish and Wildlife Service  
201 N. Bonita, Suite 141  
Tucson, AZ 85745  
Phone: 520.670.6150 ext 223  
Fax: 520.670.6155

Richard A Gerhart <rgerhart@fs.fed.us>  
07/13/2009 03:09 PM

To  
"Tom Furgason" <tfurgason@swca.com>  
cc  
beverson@fs.fed.us, blindenlaub@westlandresources.com, "Debbie Sebesta" <dsebesta@fs.fed.us>, "Jason M. Douglas" <Jason\_douglas@fws.gov>, jsturgess@augustaresource.com, "Ken Kertell" <kkertell@swca.com>, "Larry Jones" <ljones02@fs.fed.us>, mroth@fs.fed.us, Sherry\_Barrett@fws.gov, Teresa Ann Ciapusci <tciapusci@fs.fed.us>, JWindes@azgfd.gov  
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Richard A. Gerhart  
Wildlife, Fish and Rare Plants Program Manager  
Coronado National Forest  
300 West Congress  
Tucson AZ 85701  
(520) 388-8374  
rgerhart@fs.fed.us

"Tom Furgason" <tfurgason@swca.com>  
07/08/2009 08:25 PM

To  
<Sherry\_Barrett@fws.gov>  
cc  
"Debbie Sebesta" <dsebesta@fs.fed.us>, "Jason M. Douglas" <Jason\_douglas@fws.gov>, "Ken Kertell" <kkertell@swca.com>, "Larry Jones" <ljones02@fs.fed.us>, <rgerhart@fs.fed.us>, <jsturgess@augustaresource.com>, <blindenlaub@westlandresources.com>, <beverson@fs.fed.us>, <mroth@fs.fed.us>, <tciapusci@fs.fed.us>

Subject  
RE: Rosemont Mine BA and proposed meeting

Sherry,  
  
August 5th would also work for Rosemont Copper Company if that works for the rest of the group.

Tom Furgason  
Program Director  
SWCA Environmental Consultants  
(520) 325-9194 office  
(520) 820-5178 cell

From: Sherry\_Barrett@fws.gov [mailto:Sherry\_Barrett@fws.gov]  
Sent: Wed 7/8/2009 3:53 PM  
To: Tom Furgason  
Cc: Debbie Sebesta; Jason M. Douglas; Ken Kertell; Larry Jones; rgerhart@fs.fed.us  
Subject: Re: Rosemont Mine BA and proposed meeting

I'll be in Belgium (from Aug 6-Aug 18).

Sherry Barrett  
U.S Fish and Wildlife Service  
201 N. Bonita, Suite 141  
Tucson, AZ 85745  
Phone: 520.670.6150 ext 223  
Fax: 520.670.6155

tfurgason@swca.com  
07/08/2009 03:43 PM

Please respond to  
tfurgason@swca.com

To  
Sherry\_Barrett@fws.gov, "Ken Kertell" <kkertell@swca.com>  
cc  
"Debbie Sebesta" <dsebesta@fs.fed.us>, "Jason M. Douglas" <Jason\_douglas@fws.gov>, "Larry Jones"  
<ljon02@fs.fed.us>, rgerhart@fs.fed.us  
Subject  
Re: Rosemont Mine BA and proposed meeting

Sherry,

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Tom Furgason  
Program Director  
SWCA Environmental Consultants  
Sent from my Verizon Wireless BlackBerry  
From: Sherry\_Barrett@fws.gov  
Date: Wed, 8 Jul 2009 11:45:17 -0700  
To: Ken Kertell<kkertell@swca.com>  
Subject: Re: Rosemont Mine BA and proposed meeting

How about if we shoot for Aug 4?

Sherry Barrett  
U.S Fish and Wildlife Service  
201 N. Bonita, Suite 141  
Tucson, AZ 85745  
Phone: 520.670.6150 ext 223  
Fax: 520.670.6155

"Ken Kertell" <kkertell@swca.com>  
07/08/2009 08:53 AM

To  
"Larry Jones" <ljones02@fs.fed.us>, <dsebesta@fs.fed.us>, <rgerhart@fs.fed.us>  
cc  
<Sherry\_Barrett@fws.gov>, <Jason\_Douglas@fws.gov>, "Tom Furgason" <tfurgason@swca.com>  
Subject  
Rosemont Mine BA and proposed meeting

I am available on August 3, 4, or 5. Also, I am finishing a revised draft BA based on my initial attempt to define the action area for the project. Included are aquatic and riparian-obligate species along lower Cienega Creek from the confluence of Davidson Canyon to the Pantano Bridge.

Ken Kertell  
Senior Scientist/Project Manager  
SWCA Environmental Consultants  
343 W. Franklin Street  
Tucson, AZ 85701  
(520) 325-9194 phone  
(520) 325-2033 fax

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Jul 06 2009 15:28:49 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** July 7 meeting agenda  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Please provide agenda items for the meeting tomorrow. Per our intent to alternate meeting locations, let's plan on meeting at SWCA tomorrow unless it's a problem to do so.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

team addresses and Dale's office number

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Jul 06 2009 19:16:30 EDT  
**To:** "trent reeder" <treeder@swca.com>;debby kriegel/r3/usdafs@fsnotes  
**CC:**  
**Subject:** team addresses and Dale's office number  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Trent,

Please just send me the files that need to be distributed to the team, and I'll forward them. It looks like this will be the easiest way to distribute.

Dale's two phone numbers are:

(520) 896-2404 - Office

(520) 449-7307 - Mobile

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

RE: team addresses and Dale's office number

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Jul 07 2009 15:49:04 EDT  
**To:** "trent reeder" <treeder@swca.com>  
**CC:** "debby kriegel" <dkriegel@fs.fed.us>  
**Subject:** RE: team addresses and Dale's office number  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I think that you have all the labels on Option 1 that you need, unless Debby has something to add. I'm still concerned about volumes, though...the proportion should be 2/3 waste rock to 1/3 tailings, which doesn't seem to be the case in looking at the diagrams.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Trent Reeder" <treeder@swca.com>  
07/07/2009 08:15 AM

To  
"Beverley A Everson" <beverson@fs.fed.us>, "Debby Kriegel" <dkriegel@fs.fed.us>  
cc

Subject  
RE: team addresses and Dale's office number

Here are the updated 3D maps with labels. Which items need labels on the Option 1 plan map? Thanks.

Trent

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Monday, July 06, 2009 7:25 PM  
To: Trent Reeder; Debby Kriegel  
Subject: RE: team addresses and Dale's office number

RE: team addresses and Dale's office number

Please label these, and correct the pit on the third diagram. Thanks.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Trent Reeder" <treeder@swca.com>  
07/06/2009 05:46 PM

To  
"Beverley A Everson" <beverson@fs.fed.us>  
cc

Subject  
RE: team addresses and Dale's office number

Hi Bev,

I am still waiting on Dale to return my calls, so here are alternative combinations one and two.

If you would like to see additional items or change anything on these early maps, please let me know.  
Thanks!

Trent Reeder  
GIS Specialist  
SWCA Environmental Consultants  
treeder@swca.com  
130 Rock Point Dr. Suite A  
Durango, Colorado 81303  
Work (970) 385-8566  
Fax (970) 385-1938  
www.swca.com

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Monday, July 06, 2009 5:17 PM  
To: Trent Reeder; Debby Kriegel  
Subject: team addresses and Dale's office number

Trent,

Please just send me the files that need to be distributed to the team, and I'll forward them. It looks like this will be the easiest way to distribute.

Dale's two phone numbers are:

(520) 896-2404 - Office

(520) 449-7307 - Mobile

Bev

Beverley A. Everson

Forest Geologist

Coronado National Forest

300 W. Congress Street, 6th Floor

Tucson, AZ. 85701

Voice: 520-388-8428

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Jul 14 2009 17:07:50 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
abelauskas@fs.fed.us;aelek@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jable@fs.fed.us;kbrown03@fs.fed.us;kellet@fs.fed.us;klgraves@fs.fed.us;lJones02@fs.fed.us;mfarrell@fs.fed.us;melissa  
**CC:** reichard <mreichard@swca.com>;rosemonteis  
<notify@weboffice.com>;rlaford@fs.fed.us;rlfevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;tciapusci@fs.fed.us;temmett@fs.fed.us;teresa@ciapusci.com;tfurgason@swca.com;wgillespie@fs.fed.us;wkeyes@fs.fed.us  
**Subject:** Change in meeting location to SWCA, July 15 Rosemont IDT  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We will be meeting tomorrow in the conference room at SWCA. See you there at 9:00.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Tue Jul 14 2009 11:19:53 EDT  
**To:** tfurgason@swca.com;mreichard@swca.com  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** Fw: Rosemont Issue Statements  
**Attachments:** Cause and Effect  
Worksheet\_56\_Recreation\_SLandDK.doc;Issue\_statement\_84\_visual\_impact\_040209.doc;Issue\_statement\_56\_recreation.doc;Issue\_statement\_101\_wilderness.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Debby K. says issue worksheets were revised (attached below) and should be reflected in the Issue Recommendations book. Do you know of other edts?

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 07/14/2009 08:17 AM -----

Debby Kriegel/R3/USDAFS  
07/13/2009 03:30 PM

To  
Melinda D Roth/R3/USDAFS@FSNOTES  
cc

Subject  
Rosemont Issue Statements

These are the final versions that should be in the official project file. They replace the pages in the spiral bound issue statement document.  
Thanks.

more PoO info

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed Feb 27 2008 09:12:06 EST  
**To:** karnold@augustaresource.com  
**CC:**  
**Subject:** more PoO info  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Kathy can you please provide some engineering specs for both the new road construction and the road maintenance for the drilling project?

Thanks.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Wed Jul 15 2009 16:01:35 EDT  
**To:** debby kriegel <dkriegel@fs.fed.us>;george mckay <gmckay@fs.fed.us>;charles coyle <ccoyle@swca.com>;art elek <aelek@fs.fed.us>;eli curiel <ecuriel@fs.fed.us>;kent ellett <kellett@fs.fed.us>;dale ortman <dortman@srk.com>;reta laford <rlaford@fs.fed.us>;william gillespie <wgillespie@fs.fed.us>;alan belauskas <abelauskas@fs.fed.us>;mindee roth <mroth@fs.fed.us>;walt keyes <wkeyes@fs.fed.us>;beverley everson <beverson@fs.fed.us>;robert lefevre <rlefevre@fs.fed.us>;debbie sebesta <dsebesta@fs.fed.us>;mary farrell <mfarrell@fs.fed.us>  
**CC:** mreichard@swca.com;tom furgason <tfurgason@swca.com>  
**Subject:** Alternative Development  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I have placed three tables on WebEx for your review: 1) alternatives currently under consideration, 2) alternatives dismissed from further consideration, and 3) potential consideration.  
<<https://rosemonteis.webexone.com/r.asp?a=12&id=24592>>

I have also loaded the .pdf graphics presented by Rosemont earlier today under the alternatives folder. Please let me know if you have any issues viewing these files.

Tom Furgason

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Jul 15 2009 18:29:51 EDT  
**To:** "kathy arnold" <karnold@rosemontcopper.com>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "jamie sturgess" <jsturgess@augustaresource.com>; "brian lindenlaub" <blindenlaub@westlandresources.com>; "fermin samorano" <fsamorano@rosemontcopper.com>  
**Subject:** RE: One-Pager for FS Alternatives  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Thank you Kathy. I'm loading this to WebEx right now and I'll inform the IDT that it is available to them.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

From: Kathy Arnold [mailto:karnold@rosemontcopper.com]  
Sent: Wednesday, July 15, 2009 12:02 PM  
To: Beverley A Everson; Tom Furgason  
Cc: Jamie Sturgess; Brian Lindenlaub; Fermin Samorano  
Subject: One-Pager for FS Alternatives

Bev and Tom –

As promised here is the table of information as presented in the meeting today. Please let me know if you need additional information.

Regards,

Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@rosemontcopper.com

Rosemont Copper Company

P.O. Box 35130 | Tucson, AZ 85740-5130

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**From:** teresa ann ciapusci/r3/usdafs;nsf;tciapusci@fs.fed.us;smtp  
**Sent:** Thu Jul 09 2009 11:41:25 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** melinda d roth/r3/usdafs@fsnotes  
**Subject:** Fw: Request to meet with biological staff  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev -

Pima County is still pressing for a meeting. I understood from our discussion on Monday that you and Debbie Sebesta are willing to meet, but the original proposed date of July 16 does not work with your schedules. The most practical alternative from the cooperating agencies' standpoint would be to schedule this meeting on the afternoon of Aug 20 because the cooperating agencies will already be in Tucson for their morning meeting and those that wish to attend this discussion could plan to stay for an afternoon session. Please coordinate with Debbie Sebesta and let me know if the Aug 20 date and time works with your schedules. If Aug 20 does not fit your schedules, please provide me with an alternative time and date that does. Several folks have suggested other participants from the Forest Service, SWCA, and Rosemont teams be included in this discussion, but as team leader its your call as to who you want invited from those entities - just send me a list so I can determine the size of room needed to accommodate the group.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

----- Forwarded by Teresa Ann Ciapusci/R3/USDAFS on 07/09/2009 08:20 AM -----

Teresa Ann Ciapusci/R3/USDAFS  
07/09/2009 07:53 AM

To  
"Julia Fonseca" <Julia.Fonseca@rfcd.pima.gov>  
cc

Subject  
RE: Request to meet with biological staff

Julia -

The cooperating agencies' request to meet with the biologists is not overlooked or forgotten. You haven't heard back because I'm still coordinating with the interdisciplinary team leader and biologists to find a date and time that works for their schedules. I will provide information to the cooperating agencies when I have

information regarding a meeting agenda, time, and location.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
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(520) 237-0879 cellular  
(520) 388-8305 fax

"Julia Fonseca" <Julia.Fonseca@rfcd.pima.gov>  
07/08/2009 05:10 PM

To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>  
cc  
jwindes@azgfd.gov, "Karen Howe" <karen.howe@tonation-nsn.gov>, rcasavant@azstateparks.gov, "Nicole Fyffe" <Nicole.Fyffe@pima.gov>, Cindy\_Alvarez@blm.gov, Marjorie.E.Blaine@usace.army.mil, "Karen Simms" <Karen\_simms@blm.gov>  
Subject  
RE: Request to meet with biological staff

Hi, Terra, I haven't heard back about setting up a meeting on this topic. Can you let me know what's planned?

Julia Fonseca, Environmental Planning Manager  
Pima County Office of Conservation Science and Environmental Policy

NEW ADDRESS:  
201 N. Stone Ave. 6th floor  
Tucson, AZ 85701  
(520) 740-6460  
FAX (520) 243-1610  
Julia.Fonseca@pima.gov

<http://www.pima.gov/cmo/sdcp/>

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Wed Jul 15 2009 18:44:44 EDT  
**To:** debbie sebesta <dsebesta@fs.fed.us>;rgerhart@fs.fed.us;larry jones <ljones02@fs.fed.us>  
**CC:** mindee roth <mroth@fs.fed.us>;teresa ann ciapusci <teresa@ciapusci.com>;melissa reichard <mreichard@swca.com>;beverley everson <beverson@fs.fed.us>;ken kertell <kkertell@swca.com>  
**Subject:** Revised Biological Assessment  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I placed a copy of the revised BA on WebEx for your review. (<https://rosemonteis.webexone.com/r.asp?a=5&id=150239>) Please note that this BA is revised based on the current thinking (and not necessarily final) on the bounds of analysis that includes Davidson Canyon and lower Cienega Creek.

Once the FS has reviewed this document, it is probably appropriate to share this with the BLM and Corps of Engineers because they will also likely have an obligation under Section 7 as a result of their decision(s) to be made.

Tom  
<<https://rosemonteis.webexone.com/r.asp?a=5&id=150239>>

Re: Tribes as Cooperating Agencies

**From:** william b gillespie/r3/usdafs;nsf;wgillespie@fs.fed.us;smtp  
**Sent:** Thu Jul 16 2009 13:33:57 EDT  
**To:** "suzanne griset" <sgriset@swca.com>  
**CC:** beverson@fs.fed.us;"charles coyle" <ccoyle@swca.com>;mfarrell@fs.fed.us;"melissa reichard" <mreichard@swca.com>;"tom furgason" <tfurgason@swca.com>  
**Subject:** Re: Tribes as Cooperating Agencies  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Suzanne,

As far as I know, the TO are the only tribe that asked to be a cooperating agencies, and was then invited to be. Perhaps Bev can confirm by checking the list of cooperators (which I've seen, but don't have a copy of that I know). How does that affect discussion in EIS? Speaking with no authority, I would guess that it would have very little effect on the NRHP/NAGPRA discussion, beyond perhaps a remark that they are also a cooperating agency for EIS preparation. Again, Bev can probably give a more informed answer.

Bill

William Gillespie, Archaeologist  
Coronado National Forest  
300 W Congress  
Tucson AZ 85701  
Phone 520-388-8392  
FAX 520-388-8305

"Suzanne Griset" <sgriset@swca.com>

07/16/2009 09:40 AM

To  
<mfarrell@fs.fed.us>, <wgillespie@fs.fed.us>, <beverson@fs.fed.us>  
cc  
"Tom Furgason" <tfurgason@swca.com>, "Charles Coyle" <ccoyle@swca.com>, "Melissa Reichard" <mreichard@swca.com>  
Subject  
Tribes as Cooperating Agencies

I know that the TO are a cooperating agency – are any of the other tribes?

And, how does that status relate to the preparation of the EIS, specifically, when I talk about tribal consultation and the process, is that only referring to Sec 106/NAGPRA consultations, or to them as a cooperating agency as well?

Suzanne Griset, Ph.D.  
Principal Investigator/Project Manager  
SWCA, Inc. Sound Science, Creative Solutions.®  
343 W. Franklin St.  
Tucson, AZ 85701  
(420- 325-9194 (520) 325-2033 fax (520) 444-5725 cell  
www.swca.com

**From:** rosemonteis <notify@weboffice.com>

**Sent:** Wed Jul 15 2009 19:02:31 EDT

**To:** alan belauskas <abelauskas@fs.fed.us>;teresa ann ciapusci <teresa@ciapusci.com>;reta laford <rlaford@fs.fed.us>;larry jones <ljones02@fs.fed.us>;debby kriegel <dkriegel@fs.fed.us>;robert lefevre <rlefevre@fs.fed.us>;art elek <aelek@fs.fed.us>;jeanine derby <jderby@fs.fed.us>;kent ellett <kellet@fs.fed.us>;sarah davis <sldavis@fs.fed.us>;salek shafiqullah <sshafiqullah@fs.fed.us>;george mckay <gmckay@fs.fed.us>;charles coyle <ccoyle@swca.com>;eli curiel <ecuriel@fs.fed.us>;dale ortman <dortman@srk.com>;debbie sebesta <dsebesta@fs.fed.us>;mary farrell <mfarrell@fs.fed.us>;walt keyes <wkeyes@fs.fed.us>;beverley everson <beverson@fs.fed.us>;mindee roth <mroth@fs.fed.us>;melissa reichard <mreichard@swca.com>;william gillespie <wgillespie@fs.fed.us>

**CC:**

**Subject:** Rosemont's Alternatives comparison

**Attachments:**

**Importance:** Low

**Priority:** Normal

**Sensitivity:** None

Here is the link to the table that Rosemont handed out today: <<https://rosemonteis.webexone.com/r.asp?a=5&id=150240>>

Tom

**Rosemont**  
**Bounds of Analysis: Socioeconomics**  
**REVISED: July 16, 2009**

**Geographic Bounds of Analysis.** The geographic boundaries for analyzing socioeconomics are preliminarily identified as a 50-mile radius around the proposed mine (Figure S1). This buffer was selected based on various factors that may influence the location and magnitude of potential socioeconomic impacts, including:

- Communities that may experience direct and/or indirect economic impacts as a result of the by the proposed mine, either as a result of construction, operation, or closures (e.g., from employment, wages and taxes, changes in tourism spending, etc.);
- Anticipated changes in population as a result of in and out migration due to mine operation and/or employment;
- The availability and location of existing housing and potential housing and the capacity and condition of existing local services and facilities; and
- Changes in quality of life for area residents and visitors, including changes in recreation opportunities.

It is important to note that the 50-mile buffer extends into Mexico, however this locality will not be analyzed. The portion of Mexico that falls into the 50-mile buffer is excluded from the study area (see Figure S1)

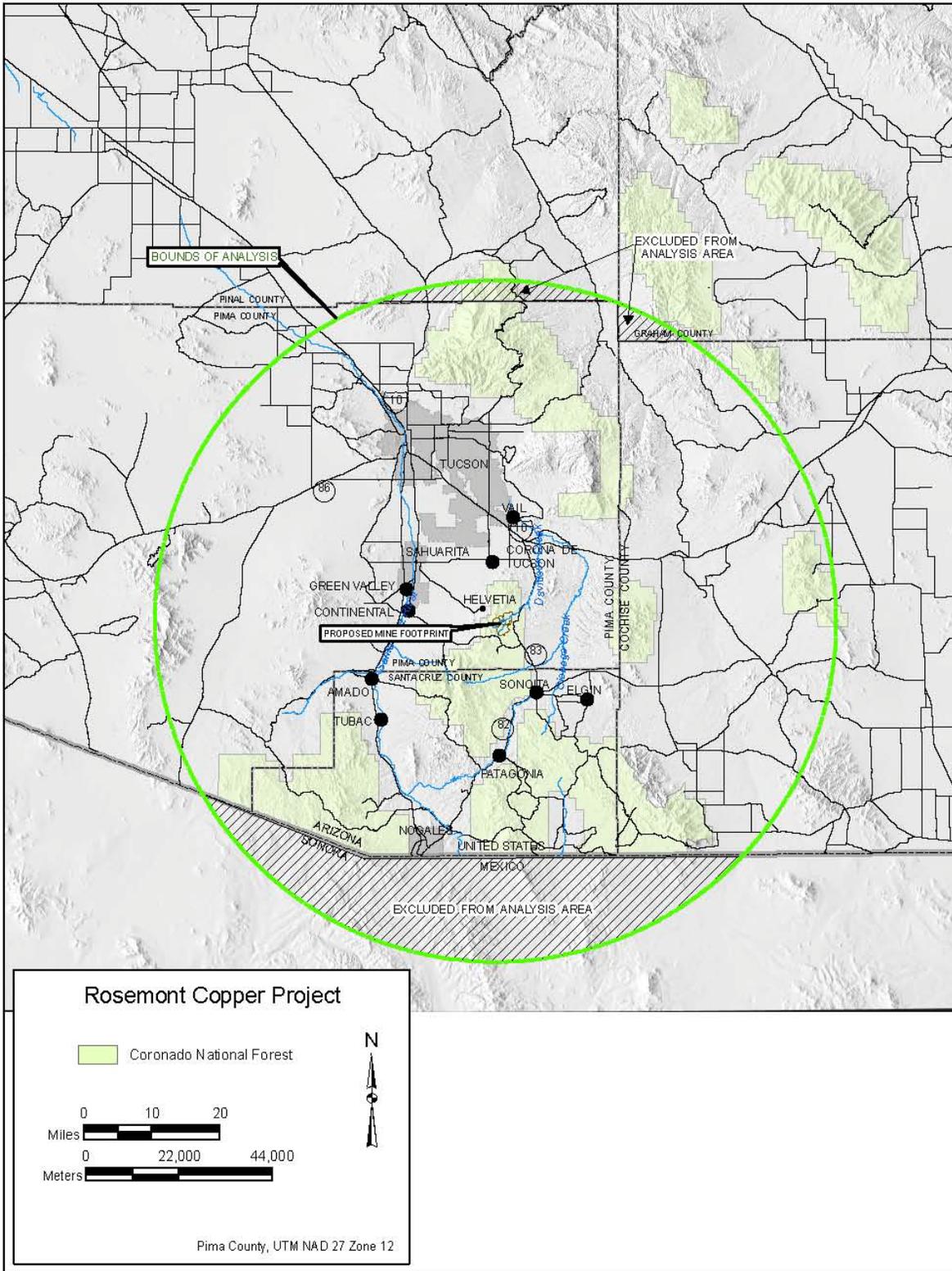
Additionally, although the 50-mile buffer extends into five counties (Santa Cruz, Pima, Cochise, Pinal and Graham), only 1% of the 50-mile buffer extends into Graham County and 0.5% extends into Pinal County. Additionally, no major towns or places are located within the portions of these two counties that extend into the 50-mile buffer study area. As such, Graham and Pinal counties will be excluded from this analysis (see Figure S1).

Counties that will be analyzed in the socioeconomic study will include Santa Cruz, Pima, and Cochise. Specific communities and tribal lands within the 50-mile buffer are included in this document (Table S1).

**Temporal Bounds of Analysis.** The temporal boundaries for analyzing socioeconomics will be guided in part by available data, an assessment of current conditions (without the proposed mine or associated activity) as well as the phases of activity associated with the proposed mine, including construction, operation and closure.

The most current data available for population is from the 2000 U.S. Census; IMPLAN data for estimating (modeling) impacts to employment, employment compensation, and economic output extends as far back as 1990; the most current IMPLAN data is for 2007. The three phases of activity associated with the mine, for which socioeconomic impacts can actually be measured, will be for 24 year period (construction [ $\pm 2$  years], operation [ $\pm 20$  years], closure [ $\pm 2$  years]). Impacts to the region “post-closure” will not be estimated, as estimating social and economic impacts beyond a 25 year period, for which no specific activity is associated, is too speculative.

Thus, as data is available, the temporal bounds of analysis will extend from 1990 to year of closure of the mine (roughly 2035 [to be based on when construction starts and closure ends]).



**Figure S1.** Bounds of analysis - (socioeconomic).

**Table S1.** List of places located within the 50-mile radius, including tribal land.

| <b>COUNTY</b>       | <b>PLACE</b>                       |
|---------------------|------------------------------------|
| <b>Cochise</b>      | Miracle Valley                     |
|                     | Palominas                          |
|                     | Black Bear Spring                  |
|                     | Sunnyside                          |
|                     | Nicksville                         |
|                     | Hereford                           |
|                     | Ramsey                             |
|                     | Bledsoe                            |
|                     | Sierra Vista Estates (subdivision) |
|                     | Bonnie Blink                       |
|                     | Coronado Village                   |
|                     | Signal Village                     |
|                     | Village Meadows (subdivision)      |
|                     | De Anza Village                    |
|                     | Cavalay Park                       |
|                     | Sierra Vista                       |
|                     | West Pershing Plaza                |
|                     | East Pershing Plaza                |
|                     | Gatewood Housing                   |
|                     | Fry                                |
|                     | Apache Flats                       |
|                     | Miles Manor                        |
|                     | Lewis Springs                      |
|                     | Huachuca City                      |
|                     | Charleston                         |
|                     | Campstone                          |
|                     | Tombstone                          |
|                     | Fairbank                           |
|                     | Benson Junction                    |
|                     | Contention                         |
|                     | Boquillas                          |
|                     | Escalante Crossing                 |
|                     | Curtiss                            |
|                     | Saint David                        |
|                     | Arizona Sun Sites                  |
|                     | Whetstone                          |
|                     | Benson                             |
|                     | Fenner                             |
|                     | Tully                              |
|                     | Mescal                             |
| Chamiso             |                                    |
| Pomerene            |                                    |
| Dragoon             |                                    |
| Manzoro             |                                    |
| Johnson             |                                    |
| Cascabel            |                                    |
| Hookers Hot Springs |                                    |
| Bradberry           |                                    |

| COUNTY                             | PLACE                                    |
|------------------------------------|------------------------------------------|
| Pima                               | Sandwash Mill                            |
|                                    | Arivaca                                  |
|                                    | Puertocito                               |
|                                    | Las Guijas                               |
|                                    | Secundino                                |
|                                    | Arivaca Junction                         |
|                                    | Greaterville                             |
|                                    | Rosemont Camp                            |
|                                    | Rosemont Junction                        |
|                                    | Continental                              |
|                                    | Green Valley                             |
|                                    | Helvetia                                 |
|                                    | Twin Buttes                              |
|                                    | Duval                                    |
|                                    | Sahuarita Heights                        |
|                                    | Pimaco Two                               |
|                                    | Sahuarita                                |
|                                    | Corona de Tucson                         |
|                                    | Uhs Kug                                  |
|                                    | Diamond Bell Ranch                       |
|                                    | San Xavier                               |
|                                    | New Tucson                               |
|                                    | Pantano                                  |
|                                    | Mountain View                            |
|                                    | Pan Tak                                  |
|                                    | Nawt Vaya                                |
|                                    | Harrington Place                         |
|                                    | Vail                                     |
|                                    | Three Points                             |
|                                    | Robles Junction                          |
|                                    | San Pedro                                |
|                                    | Esmond                                   |
|                                    | Corner Windmill                          |
|                                    | Wilmot                                   |
|                                    | Littletown                               |
|                                    | Drexel Heights                           |
|                                    | Emery Park                               |
|                                    | Rankin                                   |
|                                    | Vandenberg Village                       |
|                                    | Polvo                                    |
|                                    | Tucson Estates                           |
|                                    | Junction Interstate Nineteen Interchange |
|                                    | Pueblo Gardens                           |
| South Tucson                       |                                          |
| Rolling Hills Country Club Estates |                                          |
| Craycroft                          |                                          |
| Old Tucson                         |                                          |
| Tucson                             |                                          |

| COUNTY            | PLACE                        |
|-------------------|------------------------------|
|                   | Kingston Knolls Terrace      |
|                   | El Rio                       |
|                   | Polo Village                 |
|                   | Pascua Yaqui Indian Village  |
|                   | Tanque Verde                 |
|                   | Indian Ridge Estates         |
|                   | Tucson Country Club Estates  |
|                   | Amphitheater                 |
|                   | Stockham                     |
|                   | Jaynes                       |
|                   | Catalina Foothills           |
|                   | Oracle Foothills Estates     |
|                   | Valley View                  |
|                   | Skyline Bel Aire Estates     |
|                   | Orange Grove Estates         |
|                   | Casas Adobes                 |
|                   | Avra                         |
|                   | Kino                         |
|                   | Oracle Place Shopping Center |
|                   | Tucson National Estates      |
|                   | Cortaro                      |
|                   | Willow Canyon                |
|                   | Oro Valley                   |
|                   | Whitetail                    |
|                   | Rillito                      |
|                   | Soldier Camp                 |
|                   | Redington                    |
|                   | Marana                       |
|                   | Summerhaven                  |
|                   | Loma Linda                   |
|                   | Catalina                     |
| <b>Santa Cruz</b> | Nogales                      |
|                   | Kino Springs                 |
|                   | Duquesne                     |
|                   | Washington Camp              |
|                   | Beyerville                   |
|                   | Guevavi Mission              |
|                   | Old Glory                    |
|                   | Ruby                         |
|                   | Trench Camp                  |
|                   | Calabasas                    |
|                   | Harshaw                      |
|                   | Rio Rico                     |
|                   | Partridge                    |
|                   | Oro Blanco                   |
|                   | Otero                        |
|                   | Patagonia                    |
|                   | Canelo                       |

| <b>COUNTY</b> | <b>PLACE</b>        |
|---------------|---------------------|
| Santa Cruz    | Tumacacori          |
|               | Carmen              |
|               | Alto                |
|               | Tubac               |
|               | Sotos Crossing      |
|               | Hacienda Los Encino |
|               | Elgin               |
|               | Agua Linda          |
|               | Sonoita             |
|               | Amado               |
|               | Madera Canyon       |

**TRIBAL LAND**

Pascua Yaqui  
San Xavier District (Tohono O'odham)  
Tohono O'odham

**From:** "cara bellavia" <cbellavia@swca.com>  
**Sent:** Fri Jul 17 2009 17:44:10 EDT  
**To:** "sarah l davis" <sldavis@fs.fed.us>  
**CC:** "richard periman" <rperiman@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds  
**Attachments:** Rosemont\_boundsofanalysis\_SOCIO\_REV\_071609.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Sarah,

As we started our analysis for this project, it seems like including Pinal and Graham counties in the study area wouldn't be that useful after all. Very small portions of these counties fall into the 50-mile buffer, and there are no cities or towns that are located within those counties within the buffer.

We revised the Bounds of Analysis to reflect this potential change; the revised document is attached for your consideration. The hi-lighted text is what has been updated, as well as a new Figure (Figure S1).

Please call me if you have any questions.

Thanks!

Cara

From: Sarah L Davis [mailto:sldavis@fs.fed.us]  
Sent: Thursday, July 02, 2009 5:32 PM  
To: Cara Bellavia  
Cc: Richard Periman; Beverley A Everson; Tom Furgason  
Subject: RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds

Looks good, to move forward.

Only one question: what is the description of the communities with the large black dots on your map? I'm assuming that the dots indicate communities with smaller populations (or a certain size), because Benson, Sierra Vista and Nogales are not included.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Cara Bellavia" <cbellavia@swca.com>

06/12/2009 10:31 AM

To  
"Sarah L Davis" <sldavis@fs.fed.us>  
cc

Subject  
RE: Rosemont Socioeconomics Analysis

Hi Sarah,

Attached is a a draft of the spatial and and temporal bounds of analysis approach. Can you please review this and let me know if you have any comments, edits, questions, etc?

Thank you!  
Cara

Cara Bellavia  
SWCA Environmental Consultants  
3033 N. Central Ave., Suite 145  
Phoenix, AZ 85012  
P 602.274.3831 | F 602.274.3958  
www.swca.com  
Sound Science. Creative Solutions.  
Please consider the environment before printing this email

From: Sarah L Davis [mailto:sldavis@fs.fed.us]  
Sent: Friday, May 29, 2009 3:52 PM  
To: Cara Bellavia  
Subject: Re: Rosemont Socioeconomics Analysis

Let's talk. I am on vacation all next week but I will call you on Monday the 8th.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Cara Bellavia" <cbellavia@swca.com>

05/28/2009 09:23 AM

To

"Sarah L Davis" <sldavis@fs.fed.us>

cc

Subject

Rosemont Socioeconomics Analysis

Hi Sarah,

Can we set up a time to chat regarding what the FS would like the bounds of analysis (both spatial and temporal) to be for socioeconomics for the Rosemont Copper mine project? I am hoping we can connect some time next week (the week of June 1)?

In our our draft cause and effect statements, which I understand are not finalized yet, we proposed a 100-mile buffer from the mine to analyze in terms of the spatial bounds.

Let me know when you are available.

Thanks,

Cara

Cara Bellavia

SWCA Environmental Consultants

3033 N. Central Ave., Suite 145

Phoenix, AZ 85012

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[www.swca.com](http://www.swca.com)

Sound Science. Creative Solutions.

Please consider the environment before printing this email

- Rosemont\_boundsofanalysis\_SOCIO\_REV\_071609.doc

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Fri Jul 17 2009 18:38:07 EDT  
**To:** debby kriegel <dkriegel@fs.fed.us>;george mckay <gmckay@fs.fed.us>;mindee roth <mroth@fs.fed.us>;art elek <aelek@fs.fed.us>;eli curiel <ecuriel@fs.fed.us>;kent ellett <kellett@fs.fed.us>;chris garrett <lccgarrett77@msn.com>;reta laford <rlaford@fs.fed.us>;ken kertell <kkertell@swca.com>;alan belauskas <abelauskas@fs.fed.us>;dale ortman <daleortmanpe@live.com>;william gillespie <wgillespie@fs.fed.us>;robert lefevre <rlefevre@fs.fed.us>;beverley everson <beverson@fs.fed.us>;debbie sebesta <dsebesta@fs.fed.us>;walt keyes <wkeyes@fs.fed.us>  
**CC:** kkertell@swca.com;teresa ann ciapusci <teresa@ciapusci.com>;charles coyle <ccoyle@swca.com>;geoff soroka <gsoroka@swca.com>;john macivor <jmacivor@swca.com>;dreitz@swca.com  
**Subject:** Rosemont Copper Water Supply Project Design Concept Report  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Rosemont delivered the Rosemont Copper Water Supply Project Design Concept Report today. I placed this report on WebEx (<https://rosemonteis.webexone.com/r.asp?a=5&id=150417>) if you are interested in this report. Please note that this report includes alignment and design information that could result in impacts other than groundwater.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

RE: Bounds of Analysis Geology

**From:** "jerome hesse" <jhesse@swca.com>  
**Sent:** Fri Jul 10 2009 11:33:36 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "dale ortman pe" <daleortmanpe@live.com>  
**Subject:** RE: Bounds of Analysis Geology  
**Attachments:** 2009\_Ortman\_Coyle\_Impact Timeline\_memo.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Here you go.

Jerome

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, July 09, 2009 6:58 PM  
To: Jerome Hesse  
Cc: Dale Ortman PE  
Subject: Re: Bounds of Analysis Geology

Jerome and Dale,

Please provide the memoranda that were supposed to be attached, ie., Rosemont Project EIS Draft Chapter 3 Affected Environment Outline, May 19, 2009 Impact Timeline dated 11 January 2009. They are referenced but omitted.

Thank you - Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Jerome Hesse" <jhesse@swca.com>

06/11/2009 10:24 AM

To

<beverson@fs.fed.us>

cc

"Dale Ortman PE" <daleortmanpe@live.com>, "Charles Coyle" <ccoyle@swca.com>, "Tom Furgason"

<tfurgason@swca.com>

Subject

Bounds of Analysis Geology

Hi Bev,

Sorry I have not contacted you earlier about the bounds of analysis for the Affected Environment--Geology and Minerals section of the Rosemont EIS. Take a look at Dale's attached memo. Initially we were proposing multiple bounds of analysis for geology focusing on Mine Site Geology and Minerals, Seismicity, and Caves, but after further discussion we believe it is prudent to limit the analysis to a single bounds focusing on the mine site. Seismicity and caves will of course be addressed, but are not likely to be such significant issues that they warrant an entire separate formal bounds of analysis.

Let me know if you agree with this approach.

Thanks,

Jerome Hesse  
Program Director, Cultural Resources  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
520-325-9194 phone  
520-325-2033 fax

- 2009\_Ortman\_Coyle\_Impact Timeline\_memo.pdf

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smt  
**Sent:** Wed Jun 16 2010 18:36:24 EDT  
**To:** tfurgason@swca.com;melinda d roth/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**CC:** debby kriegel/r3/usdafs@fsnotes  
**Subject:** Fw: Data requests  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I would like to formally request a local SWCA specialist to assist Marcie with visual quality work.

Requesting data from afar via emails and phone calls is not working, and this has gone on way too long. It would be best if the local person were a landscape architect, but at this point anyone who could simply be in town all the time and be directed by Marcie on exact tasks would be helpful. Marcie continues to await numerous items from Rosemont: contour data (see message below), other items mentioned in her current SOW, and many of the items in my 4/21/10 data gaps list. Effects analysis cannot progress without this information. A local person could drive down to Tetra Tech and Rosemont's offices (daily, if that's what it takes) to bug people and get the information needed. If Marcie lived in Tucson, this is what she would need to do. A local person could also follow up with site visits (to obtain core samples to determine rock colors for example), photography/GPS, and so forth.

For 18 months now I've been watching visual resource work by SWCA, and to date, there are hardly any products. A big part of the problem is that Rosemont not providing needed information, but part of it is Marcie's remote location.

----- Forwarded by Debby Kriegel/R3/USDAFS on 06/16/2010 03:03 PM -----

"Marcie Bidwell" <mbidwell@swca.com>  
06/16/2010 10:09 AM

To  
"Tom Furgason" <tfurgason@swca.com>, "Trent Reeder" <treeder@swca.com>, "Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
"Melissa Reichard" <mreichard@swca.com>, "Lara Mitchell" <lmitchell@swca.com>  
Subject  
FW: Data requests

Tom and Debby,

Just to keep you updated, Tetra Tech uploaded some data for SWCA in the last few days. Again, however, the contour data did not include attributes (the actual elevation values) that makes it possible to project these line drawings into 3D. We also received the road data for the MPO and the fence data. We are still waiting on majority of the request.

Trent is following up and asking for them to resubmit the data. He has been in communication with Melissa and Lara.

Additionally, we have not received input on the stormwater diagram that we sent to Tetra Tech for approval as a mock up of stormwater features on the MPO.

As it is now June 16th and we still do not have data, we will continue to do the best that we can. However, there are still gaps that the SWCA team is continuing to request. We had requested that we receive the data at some point, we need a drop-dead date as to when features are included in the EIS for August 15. We have to start moving on these images in order to have time for drafts and review.

We will keep you posted,  
Marcie

From: Trent Reeder  
Sent: Wednesday, June 16, 2010 9:33 AM  
To: 'Carrasco, Joel'; 'Keepers, Ashley'; 'Krizek, David'; Marcie Bidwell  
Subject: RE: Data requests

Thank you for beginning to upload my requested data. The MPO primary access road worked wonderfully and I was able to modify the surface to reflect the cut and fill characteristics.

I started working on the contour data for the Phased Tailings and noticed no elevations existed for the contours. Could you please resend the contours for the Phased Tailings with elevations in the attribute table.

Thanks for your help!

Trent

From: Marcie Bidwell  
Sent: Wednesday, May 26, 2010 10:28 AM  
To: Trent Reeder; 'Carrasco, Joel'; 'Keepers, Ashley'; 'Krizek, David'  
Subject: RE: Data requests

Thank you David, Joel and Ashley, for your help with the request.

This is basically the same list that we have been circulating since January, with updates included from the recent changes in alternatives.

Where we are asking for data that we should have, Trent and Lara have checked SWCA's records/files and we are missing elevations from the data previously submitted.

Thanks for your assistance,  
Marcie

From: Trent Reeder  
Sent: Wednesday, May 26, 2010 10:24 AM  
To: Carrasco, Joel; Keepers, Ashley; Krizek, David  
Cc: Marcie Bidwell  
Subject: Data requests  
Hello,

Would it be possible to upload these datasets to the FTP?

- Phased Tailings "wavy gravy" contours (with elevations) - you uploaded a version back in February, but these contours seem to be different than what has been represented in the Stormwater/Reclamation Concept PDF.
- Updated Scholefield contours (with elevations)
- Updated Barrel Only contours (with elevations) - if this is not ready yet, then please let Marcie and I know when you think it may be ready.
- Haul Roads - we have the original MPO versions, but please send the updated Haul Roads with the updated Alts.
- Main Access Roads with grading contours (elevations) - We have the two original versions of the access roads, but please resend these if they have been updated based on updated Alts. Please send the grading (with elevations) for these access roads. Also, what is the ROW in feet for the Access Roads?
- West Side Access Road - I have two pieces of this road. I am interested in the updated access road alignment as it comes into the project/facility area. I have a number of different versions, but none of them matched to what was depicted on the Phased Tailings Stormwater/Reclamation Concept PDF. Could you please send this along with grading contours (with elevations) if possible.
- Facility Data - Can you please update us on the status of facility data. Can you send the facility grading contours (with elevations) if available now? Will the facility layout and grading contours change based on the varying Alts? If so, please send us each version when available. Another option at this moment would be data depicting each of the facility building footprints with building bottom elevations and top building elevations or building heights so we could conduct some preliminary simulation studies.
- Perimeter Access Road - Can you please send the road data with grading contours (with elevations) for each of the Alts if the road differs between them.
- Perimeter Fence - we have one version of this, but a portion of the MPO Dry Stack Tailings overlaps the perimeter fence. Has this been updated? Does the fence change based on the different Alts?

I am asking for quite a bit here and understand if some of this data is not ready for export. If the data is not ready, could you please just let us know when it will be. Also, let us know if some of this data is not going to be created, i.e. Perimeter Fence for each Alt or Facility grading contours for the different Alts.

Thanks for all your help and please let me know if you have any questions!

Trent Reeder  
GIS Specialist  
SWCA Environmental Consultants  
treeder@swca.com  
130 Rock Point Dr. Suite A  
Durango, Colorado 81303  
Work (970) 385-8566  
Fax (970) 385-1938  
www.swca.com



communication with cooperating agencies, per our discussion Wednesday

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Jul 17 2009 21:18:00 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
abelauskas@fs.fed.us;aelek@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jable@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;klgraves@fs.fed.us;lJones02@fs.fed.us;mfarrell@fs.fed.us;melissa  
**CC:** reichard <mreichard@swca.com>;rosemonteis  
<notify@weboffice.com>;rlaford@fs.fed.us;rlfevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;tciapusci@fs.fed.us;temmett@fs.fed.us;teresa@ciapusci.com;tfurgason@swca.com;wgillespie@fs.fed.us;wkeyes@fs.fed.us  
**Subject:** communication with cooperating agencies, per our discussion Wednesday  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The IDT asked some very good questions in this week's IDT meeting about working with Cooperating Agency representatives, and in response, I offer the following guidance on your correspondence with them for informal, short, peer-to-peer conversations. Treat this correspondence as you have with other projects you've worked on. Your experience should guide you as to what documentation, if any, is necessary for the record. However, if you have questions or concerns, ask me - if I don't know the answer, we'll strategize how best to find out.

Cooperating Agency personnel may have the same questions from their end. Basically, cooperators are free to review and comment on anything posted to the web. When we specifically ask a cooperator for review and feedback of a particular document, we should work through the project chain of command and consider formalizing the request and cooperator feedback - more detail on this aspect of working with cooperators is forthcoming.

Bev

Beverly A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Mon Jul 20 2009 12:07:21 EDT  
**To:** reta laford/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;teresa ann ciapusci/r3/usdafs@fsnotes;tfurgason@swca.com  
**Subject:** Re: Need letter for Scoping Report #1  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Don't know how Melissa (SWCA) got the copy, I was on vacation when it happened.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

Reta Laford/R3/USDAFS  
07/18/2009 04:19 PM

To  
Melinda D Roth/R3/USDAFS@FSNOTES  
cc  
tfurgason@swca.com, mreichard@swca.com, Beverley A Everson/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, Sarah L Davis/R3/USDAFS@FSNOTES  
Subject  
Need letter for Scoping Report #1

Mindee - 1) Please pull an electronic signed copy from the correspondence database of the letter Jeanine sent to the RO in July 2008, in which she asked them to review of scoping efforts. The file code is 1950-3/2810. 2) Find the mailroom's real signed copy and have it scanned. 3) send SWCA both the electronic signed copy and the scan of the real signed letter for the record, and be sure the enclosure is included in both. Thanks!

Sarah - More to think about for records management. Seems SWCA got a copy of the letter before it was finalized in the correspondence database (it had not date and no signature. It was also missing the attachment).

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)

Fax: 520-388-8305

Email: rlaford@fs.fed.us

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Name: [www.rockwell.com](https://www.rockwell.com)  
URL: [www.rockwell.com](https://www.rockwell.com)  
DOI: [www.rockwell.com](https://www.rockwell.com)  
Address: [www.rockwell.com](https://www.rockwell.com)

Organization: [www.rockwell.com](https://www.rockwell.com)

Author(s): [www.rockwell.com](https://www.rockwell.com)

Keywords: [www.rockwell.com](https://www.rockwell.com)

There were some errors in the file that this provided. Please see this to look at the list of reports submitted by ResearchCenter.

Thank you!  
<https://www.rockwell.com>

**From:** johnable23@gmail.com  
**Sent:** Fri Jul 24 2009 20:15:26 EDT  
**To:** melissa reichard <mreichard@swca.com>;tom furgason <tfurgason@swca.com>;beverley a everson <beverson@fs.fed.us>  
**CC:** reta laford <rlaford@fs.fed.us>;teresa ciapusci <tciapusci@fs.fed.us>;mroth@fs.fed.us  
**Subject:** Arizona Illustrated Video Download for Record -- Gail Hartmann and Rod Pace  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev and Melissa, downloading and burning this Arizona Illustrated interview to a DVD might be useful for the project or admin record. There is a download link on the webpage at <http://tv.azpm.org/kuat/segments/2009/7/24/kuat-rosemont-copper/>

John A. Able, Information Steward  
Transparency, Collaboration, Knowledge  
Coronado National Forest  
Text or Voice: 520-405-4256  
Twitter: @johnable (work/public/private -- because social media destroys boundaries)

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Mon Jul 20 2009 19:57:44 EDT  
**To:** beverley everson <beverson@fs.fed.us>;reta laford <rlaford@fs.fed.us>;mindee roth <mroth@fs.fed.us>  
**CC:** charles coyle <ccoyle@swca.com>;melissa reichard <mreichard@swca.com>;tom furgason <tfurgason@swca.com>  
**Subject:** Final Scoping Report #1  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Reta,

The Final Scoping Report #1 is on WebEx. Please let me know if you would like SWCA to transmit this to Region. Thanks for all of the great feedback on the report (Bev and Mindee- Thank you too!). Here is the link: <<https://rosemonteis.webexone.com/r.asp?a=12&id=24155>>

Would you like SWCA to submit hard copies to the Coronado as well?

I anticipate loading Scoping Report #2 tomorrow.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

**From:** "John Windes" <jwindes@azgfd.gov>  
**Sent:** Fri Jul 24 2009 20:19:00 EDT  
**To:** "Richard A Gerhart" <rgerhart@fs.fed.us>; <sherry\_barrett@fws.gov>; <jason\_douglas@fws.gov>; "Larry Jones" <ljones02@fs.fed.us>; "Deborah K Sebesta" <dsebesta@fs.fed.us>; <kkertell@swca.com>; <tfurgason@swca.com>; <jsturgess@augustaresource.com>  
**CC:** "Beverley A Everson" <beverson@fs.fed.us>; "Kent C Ellett" <kellett@fs.fed.us>; "Jeanine Derby" <jderby@fs.fed.us>; "Reta Laford" <rlaford@fs.fed.us>; "Melinda D Roth" <mroth@fs.fed.us>; "Teresa Ann Ciapusci" <tciausci@fs.fed.us>  
**Subject:** RE: Confirming: Rosemont Mine consultation meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

By the way, Rick (sorry about 3 emails – I was gone for a week too and am still catching up) We have been trying to get a meeting together with the FS biological folks and the Cooperating agency biological folks. One thing is I'd like to see what sort of alternatives are being discussed. This formal meeting once a month update thing is not working for AGFD. When can I come hang out in your office and talk about this stuff?

From: Richard A Gerhart [mailto:rgerhart@fs.fed.us]  
Sent: Monday, July 20, 2009 2:36 PM  
To: Sherry\_Barrett@fws.gov; jason\_douglas@fws.gov; Larry Jones; Deborah K Sebesta; John Windes; kkertell@swca.com; tfurgason@swca.com; jsturgess@augustaresource.com  
Cc: Beverley A Everson; Kent C Ellett; Jeanine Derby; Reta Laford; Melinda D Roth; Teresa Ann Ciapusci  
Subject: Confirming: Rosemont Mine consultation meeting

This is to confirm that we have identified a date and time for the discussion on consultation. That date and time is August 5, 2009 at 9 AM. We will meet at the USFWS conference room (201 N. Bonita, Suite 141, Tucson).

In no particular order, here are topics that we might want to discuss.

- Define the action area (analysis boundary) for the project.
- Identify species included in the analysis.
- Develop potential conservation measures to be included in the proposed action.
- Discuss a timeline for consultation (this is dependant on the development and refinement of a proposed action and alternatives).

If there are other issues items we need to discuss, please send them to me and I will get them on an agenda.

SWCA has been working on a draft biological assessment. Ken, would this be available to share during or prior to the meeting?

Finally, it has been suggested that we bring in other Federal agencies and cooperating agencies for this

meeting, but I believe it would be better to keep it small and focused initially. It may be appropriate to discuss how to proceed with cooperators at this first meeting. That said, if I inadvertently left someone out of this mailing who should be at the table, please forward this to them.

Rick

Richard A. Gerhart  
Wildlife, Fish and Rare Plants Program Manager  
Coronado National Forest  
300 West Congress  
Tucson AZ 85701  
(520) 388-8374  
rgerhart@fs.fed.us

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Jul 21 2009 14:58:39 EDT  
**To:** "kathy arnold" <karnold@rosemontcopper.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlafor@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Alternative 6c (Upper Barrel Only)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Kathy,

I left the meeting on Friday without a clear understanding of how SWCA is to proceed with Alternative 6c. It is my understanding that Alternative 6a is not technically feasible; therefore, SWCA has ceased all work on that alternative. It was also my understanding that, while feasible, Alternative 6b needed refinement and that Rosemont was going to provide the Forest with a revised footprint that was going to be approximately 0.5 miles from SR 83 (similar to the proposed action). This is to be Alternative 6c.

I know that Jamie suggested a site visit by the ID Team, but we may be able to simply present a plan view and crude 3D model for their review. This has satisfied the IDT in the past and I think everybody is familiar with the view of the area from SR 83.

Would you please let me know how Rosemont expects SWCA to proceed on Alternative 6c? I'm concerned that no work will occur on this with Bev on personal leave this week and no clear direction to SWCA.

Also, as an FYI, Debby Kriegel requested that SWCA present the 3D model of Alternative 6a at tomorrow's IDT meeting. I informed her that 6a was deemed infeasible and that we would not present this information. She then asked for SWCA to create a 3D model of Alternative 6b (this afternoon) and present it to the IDT tomorrow. I informed her that SWCA would not expend any further effort on Alternative 6b because we expected it to be modified into Alternative 6c.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

Alternative 6c (Upper Barrel Only)

(520) 820-5178 mobile

(520) 325-2033 fax



**From:** tfurgason@swca.com  
**Sent:** Wed Jul 22 2009 15:13:19 EDT  
"suzanne griset" <sgriset@swca.com>; rgerhart@fs.fed.us; sldavis@fs.fed.us; gmckay@fs.fed.us; "molly thrash" <mthrash@swca.com>; "cara bellavia" <cbellavia@swca.com>; rmraley@fs.fed.us; "rion bowers" <rbowers@swca.com>; mjfitch@fs.fed.us; "teresa ann ciapusci" <tciapusci@fs.fed.us>; awcampbell@fs.fed.us; beverson@fs.fed.us; "john able" <jable@fs.fed.us>; kbrown03@fs.fed.us; "jerome hesse" <jhesse@swca.com>; "keith l. graves" <klgraves@fs.fed.us>; aeleg@fs.fed.us; "trent reeder" <treeder@swca.com>; wgillespie@fs.fed.us; hschewel@fs.fed.us; jderby@fs.fed.us; mfarrell@fs.fed.us; "ken houser" <khouser@swca.com>; wkeyes@fs.fed.us; dkriegel@fs.fed.us; sshafiqullah@fs.fed.us; "jill grams" <jgrams@swca.com>; temmett@fs.fed.us; "geoff soroka" <gsoroka@swca.com>; ccleblanc@fs.fed.us; ecuriel@fs.fed.us  
**To:**  
**CC:**  
**Subject:** Re: List of Reports Submitted by Rosemont Copper Co.  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

You are correct. The list only includes reports submitted by Rosemont and not SWCA. I suggest reviewing the reclamation plan to find information on soil storage. However, we may need to contact Rosemont directly. Tom

Sent from my Verizon Wireless BlackBerry

From: "Suzanne Griset"  
Date: Wed, 22 Jul 2009 08:47:41 -0700  
To: Tom Furgason<tfurgason@swca.com>; <rgerhart@fs.fed.us>; <sldavis@fs.fed.us>; <gmckay@fs.fed.us>; Molly Thrash<mthrash@swca.com>; Cara Bellavia<cbellavia@swca.com>; <rmraley@fs.fed.us>; Tom Furgason<tfurgason@swca.com>; Rion Bowers<rbowers@swca.com>; <mjfitch@fs.fed.us>; <tciapusci@fs.fed.us>; <awcampbell@fs.fed.us>; <beverson@fs.fed.us>; <jable@fs.fed.us>; <kbrown03@fs.fed.us>; Jerome Hesse<jhesse@swca.com>; <klgraves@fs.fed.us>; <aeleg@fs.fed.us>; Trent Reeder<treeder@swca.com>; <wgillespie@fs.fed.us>; <hschewel@fs.fed.us>; <jderby@fs.fed.us>; <mfarrell@fs.fed.us>; Ken Houser<Khouser@swca.com>; <wkeyes@fs.fed.us>; <dkriegel@fs.fed.us>; <sshafiqullah@fs.fed.us>; Jill Grams<jgrams@swca.com>; <temmett@fs.fed.us>; Geoff Soroka<gsoroka@swca.com>; <ccleblanc@fs.fed.us>; <ecuriel@fs.fed.us>; <ljoness02@fs.fed.us>; Elisha Hornung<ehornung@swca.com>; Keith Pohs<kpohs@swca.com>; Tamara Larson<tklarson@swca.com>; Dale Ortman<dortman@srk.com>; Harmony Hall<hhall@swca.com>; Marcie Bidwell<mbidwell@swca.com>; Ralph Ellis<rellis@swca.com>; Jeff Connell<jconnell@swca.com>; Devin Keane<dkeane@swca.com>; <mroth@fs.fed.us>; <daleortmanpe@live.com>; <kellett@fs.fed.us>; <lccgarrett77@msn.com>; <bschneid@email.arizona.edu>; <rlaford@fs.fed.us>; Megan Robertson<mrobertson@swca.com>; <rlefevre@fs.fed.us>; <abelauskas@fs.fed.us>; Ken Kertell<kkertell@swca.com>; Melissa Reichard<mreichard@swca.com>; Ben Gaddis<bgaddis@swca.com>; Kevin Serrato<kserrato@swca.com>; <dsebesta@fs.fed.us>; <devinquintana@fs.fed.us>  
Subject: RE: List of Reports Submitted by Rosemont Copper Co.

Tom - I note that none of the SWCA reports (geotechnical arch survey; MPO arch survey) are listed. Is this because we are submitting them directly to CNF?

Where are they proposing to locate the soil salvage storage areas?

Suzanne

From: rosemonteis on behalf of Tom Furgason

Sent: Tue 7/21/2009 2:20 PM

To: rgerhart@fs.fed.us; sldavis@fs.fed.us; gmckay@fs.fed.us; Molly Thrash; Cara Bellavia; rmrale@fs.fed.us; Tom Furgason; Rion Bowers; mjfitch@fs.fed.us; tciapusci@fs.fed.us; awcampbell@fs.fed.us; beverson@fs.fed.us; jable@fs.fed.us; kbrown03@fs.fed.us; Jerome Hesse; klgraves@fs.fed.us; aelek@fs.fed.us; Trent Reeder; wgillespie@fs.fed.us; hschewel@fs.fed.us; jderby@fs.fed.us; mfarrell@fs.fed.us; Ken Houser; wkeyes@fs.fed.us; dkriegel@fs.fed.us; sshafiqullah@fs.fed.us; Jill Grams; temmett@fs.fed.us; Geoff Soroka; ccleblanc@fs.fed.us; ecuriel@fs.fed.us; ljones02@fs.fed.us; Elisha Hornung; Keith Pohs; Suzanne Griset; Tamara Larson; Dale Ortman; Harmony Hall; Marcie Bidwell; Ralph Ellis; Jeff Connell; Devin Keane; mroth@fs.fed.us; daleortmanpe@live.com; kellett@fs.fed.us; lcgarrrett77@msn.com; bschneid@email.arizona.edu; rlaford@fs.fed.us; Megan Robertson; rlefevre@fs.fed.us; abelauskas@fs.fed.us; Ken Kertell; Melissa Reichard; Ben Gaddis; Kevin Serrato; dsebesta@fs.fed.us; devinquintana@fs.fed.us

Cc: Tom Furgason

Subject: List of Reports Submitted by Rosemont Copper Co.

All-

Kathy Arnold sent us a list of 81 technical reports that have been submitted to the Forest Service in support of the proposed Rosemont Copper Project (<https://rosemonteis.webexone.com/r.asp?a=5&id=150661>) . SWCA is looking at this list to ensure that we have all of these reports in the Admin Record. We'll also review our records to see if we have any reports that are not included on this list. Please take a few minutes to review this document and identify any reports that pertain to your area of expertise.

It is my understanding that Bev should have two hard copies of each report. Alternatively, many of these reports are posted in WebEx; however, there may be a few instances where we did not receive electronic copies or they have not been posted. SWCA will either post copies or contact Rosemont and request electronic copies. We'll discuss the file structure and use of WebEx at the next extended ITD meeting. For SWCA employees, please contact Melissa or me if you have any difficulties locating any of these reports.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Sun Mar 02 2008 19:58:17 EST  
**To:** jamie sturgess <jsturgess@augustaresource.com>;jeanine derby/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Completeness Review for Rosemont Mine Plan of Operations?  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Jamie,

As project leader I've received all the documents and information that you reference in your e-mail, below.

The Forest Service review of the Rosemont Copper Mine Plan of Operations (MPO) is complete and with the supplemental baseline groundwater information that the Rosemont Copper Company (RCC) and its consultants are currently gathering, the information you've provided is sufficient to begin the National Environmental Policy Act (NEPA) analysis. An adequate groundwater model for the project will be needed to move forward with the NEPA process, and I understand that the groundwater information that you are gathering now is for the purpose of developing that model.

As we've discussed previously in meetings between the Forest Service and RCC, there will be much additional information that we'll be requesting of the company as the NEPA analysis proceeds.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Jamie Sturgess <jsturgess@augustaresource.com>  
02/19/2008 03:47 PM

To  
Beverley A Everson <beverson@fs.fed.us>  
cc  
Kathy Arnold <karnold@augustaresource.com>, Brian Lindenlaub <blindenlaub@westlandresources.com>  
Subject  
Completeness Review for Rosemont Mine Plan of Operations?

Feb 19, 2008

Beverly Everson  
Geologist  
Coronado National Forest

Bev:

Please let me know regards the administrative completeness review of the Rosemont Copper Mine Plan Operations.

To the best of my knowledge, Rosemont has now provided all technical and supporting documentation requested by the Forest.

The last set of maps have been delivered this month, and I am not aware of any outstanding requests.

The Rosemont Plan was submitted in July 2007, and additional materials were submitted in October 2007 and January and February 2008.

Best Regards

Jamie Sturgess

**From:** roger d congdon/r3/usdafs;nsf;rcongdon@fs.fed.us;smtp  
**Sent:** Fri Jul 17 2009 16:22:39 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** salek shafiqullah/r3/usdafs@fsnotes  
**Subject:** Re: Fw: County's scopes for work for watershed and groundwater impacts  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Bev,

As far as I can tell, there is nothing in the county's proposal that isn't what we should be doing for the EIS. I believe most of what they proposed is already covered. Statements such as "Previous aquifer tests and well construction methods should be included with documentation" (page 3) are true, but this kind of information is generally included by reference, and is (or should be) available to the public.

I am not sure the incorporation of HEC-HMS would be highly useful, as this is a lumped parameter model; though it couldn't hurt if it served to mollify the good folks of Pima County. It shouldn't be too hard to set up given all of the great data that is or will be available . . . and HEC-HMS is free, after all. It's up to you guys. HEC-HMS covers surface effects only. Groundwater is not generally involved. This has usually been done with HEC-1, which includes somewhat more detailed location and parameter input for the watershed. HEC-RAS, which is suggested by the county is just a conduit flow model; you put water in at the top and see how far it rises in the channel at the bottom. I don't think it even has an infiltration capability, unless the latest models have been improved. The bottom line here is that the 100 year discharge values should be calculated. Maybe the 200 year values as well. However, the 500 year values are entirely fictional, as there is no way to be certain just what a 500 year event is (let alone a 200 year event). Adding this information, if it isn't already called for, would not be too difficult.

So, just in case we did not already have the watershed discharge worked into the Statement of Work, that analysis should be done. It will come up if not included in the EIS.

I get the impression that the County doesn't trust the consultants, who are paid by the mine; but this is a very common occurrence. We are there to keep them honest and to remind them constantly of who they are really working for. Somehow, we just need to win their trust and to convince them that we are impartial (we are impartial, right?).

Salek tells me that SWCA intends to cut the budget and do only what is minimally necessary in order to produce the EIS. I would recommend caution with this approach, especially considering just how many folks there are who are opposed to the project.

How is the East side model coming along? I would hope they would let us see it before it is a completely finished product. I would like to see a detailed conceptual model. I have been looking at the West side model, and will have some comments soon.

Keep up the good work.

Roger

Beverley A Everson/R3/USDAFS  
07/09/2009 04:51 PM

To  
Salek Shafiqullah/R3/USDAFS@FSNOTES, Roger D Congdon/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: County's scopes for work for watershed and groundwater impacts

Sal and Roger,

Could you please look at what the county is requesting for hydrologic and geohydrologic studies (below), and tell me what you feel Montgomery has already covered?

I would really appreciate a response by mid to late next week.

Thanks.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/09/2009 03:47 PM -----

Teresa Ann Ciapusci/R3/USDAFS  
07/08/2009 01:32 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: County's scopes for work for watershed and groundwater impacts

Bev -

Have you had time yet to look into an answer for Julia's inquiry below?

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

----- Forwarded by Teresa Ann Ciapusci/R3/USDAFS on 07/08/2009 01:31 PM -----

"Julia Fonseca" <Julia.Fonseca@rfcd.pima.gov>  
06/23/2009 03:52 PM

To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>  
cc  
"Nicole Fyffe" <Nicole.Fyffe@pima.gov>  
Subject  
County's scopes for work for watershed and groundwater impacts

In 2008, as part of the scoping process, Pima County requested the Forest Service to have the company conduct two specific studies, and provided detailed instructions as to the scope of the studies. The study plans are attached. One study is for impacts to watershed functions, and other relates to groundwater impacts near the wellfield.

Could your staff help us ascertain how much of what we requested is actually being investigated?

Julia Fonseca, Environmental Planning Manager  
Pima County Office of Conservation Science and Environmental Policy

NEW ADDRESS:  
201 N. Stone Ave. 6th floor  
Tucson, AZ 85701  
(520) 740-6460  
FAX (520) 243-1610  
Julia.Fonseca@pima.gov

Re: Fw: County's scopes for work for watershed and groundwater impacts

<http://www.pima.gov/cmo/sdcp/>

[attachment "attachment 10 SOWs.pdf" deleted by Roger D Congdon/R3/USDAFS]

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Tue Jul 21 2009 13:04:55 EDT  
**To:** "melissa reichard" <mreichard@swca.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "tom furgason" <tfurgason@swca.com>  
**Subject:** Re: FW: Draft discussion/thoughts on alternatives and effects to recreation and visual quality  
**Attachments:** 07222009\_agenda.xml;Visual\_Effects\_Alternatives.doc;Recreation\_Effects\_Alternatives.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I believe Bev plans to use specialist input on alternatives to eventually formulate a memo with rationale to Jeanine on what alternatives the team is recommending for detailed analysis, etc. I wouldn't do anything with the input right now. Bev will be back next week and you can ask her then if she wants you to consolidate the info. We have to get the issues formalized and reviewed by the RO before we can formalize the alternatives, so we have a little bit of time on this one. What is planned for tomorrow is to finalize issue statements and units of measure. I can make copies for the team. I just need your help setting up the laptop and projector. Thanks for all your help and diligence!

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

"Melissa Reichard" <mreichard@swca.com>

07/21/2009 09:25 AM

To  
"Melinda D Roth" <mroth@fs.fed.us>  
cc  
"Tom Furgason" <tfurgason@swca.com>, "Beverley A Everson" <beverson@fs.fed.us>  
Subject  
FW: Draft discussion/thoughts on alternatives and effects to recreation and visual quality

Mindee-  
I know you are working on Region correspondence for SR1, but could you peek at this note? Should I be

compiling all of the resource specialist comments into the table or how would you like these handled? Also, are there handouts that you would like me to have prepared for tomorrow?

Thanks for all you help!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Debby Kriegel [mailto:dkriegel@fs.fed.us]

Sent: Tuesday, July 21, 2009 8:24 AM

To: Beverley A Everson; Melissa Reichard

Subject: Draft discussion/thoughts on alternatives and effects to recreation and visual quality

Here is my homework for tomorrow's meeting. I realize that we were supposed to put our thoughts into a table, but I wasn't sure which table to use, and it looked like other resource specialists were creating documents like this...so I drafted something similar. This morning I attempted to post the rec document on WebEx and it appeared to save fine, but then I couldn't find it on WebEx, so I must have done something wrong.

Melissa, can you either post these documents on WebEx? Or do you or Bex plan to consolidate text from specialist's input into one big table for us all to look at?

Thanks.

- Recreation\_Effects\_Alternatives.doc - Visual\_Effects\_Alternatives.doc - 07222009\_agenda.xml

**From:** "cara bellavia" <cbellavia@swca.com>  
**Sent:** Mon Jul 27 2009 17:15:27 EDT  
**To:** "sarah l davis" <sldavis@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "charles coyle" <ccoyle@swca.com>; "richard periman" <rperiman@fs.fed.us>; "tom furgason" <tfurgason@swca.com>  
**Subject:** RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Sarah,

Thanks for your feedback, we will proceed with these three counties.

Thanks again!  
Cara

From: Sarah L Davis [mailto:sldavis@fs.fed.us]  
Sent: Monday, July 27, 2009 2:15 PM  
To: Cara Bellavia  
Cc: Beverley A Everson; Charles Coyle; Richard Periman; Tom Furgason  
Subject: RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds

Yes, this revised text and updated Bounds of Analysis map are good. I agree that the very small area located within Graham and Pinal counties (1 1/2%) can be excluded from analysis.

Thanks for your call today.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Cara Bellavia" <cbellavia@swca.com>

07/17/2009 02:44 PM

To  
"Sarah L Davis" <sldavis@fs.fed.us>  
cc  
"Richard Periman" <rperiman@fs.fed.us>, "Beverley A Everson" <beverson@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>, "Charles Coyle" <ccoyle@swca.com>  
Subject  
RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds

Hi Sarah,

As we started our analysis for this project, it seems like including Pinal and Graham counties in the study area wouldn't be that useful after all. Very small portions of these counties fall into the 50-mile buffer, and there are no cities or towns that are located within those counties within the buffer.

We revised the Bounds of Analysis to reflect this potential change; the revised document is attached for your consideration. The hi-lighted text is what has been updated, as well as a new Figure (Figure S1).

Please call me if you have any questions.

Thanks!

Cara

From: Sarah L Davis [mailto:sldavis@fs.fed.us]

Sent: Thursday, July 02, 2009 5:32 PM

To: Cara Bellavia

Cc: Richard Periman; Beverley A Everson; Tom Furgason

Subject: RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds

Looks good, to move forward.

Only one question: what is the description of the communities with the large black dots on your map? I'm assuming that the dots indicate communities with smaller populations (or a certain size), because Benson, Sierra Vista and Nogales are not included.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Cara Bellavia" <cbellavia@swca.com>

06/12/2009 10:31 AM

To

"Sarah L Davis" <sldavis@fs.fed.us>

cc

Subject

RE: Rosemont Socioeconomics Analysis

Hi Sarah,

Attached is a draft of the spatial and temporal bounds of analysis approach. Can you please review this and let me know if you have any comments, edits, questions, etc?

Thank you!  
Cara

Cara Bellavia  
SWCA Environmental Consultants  
3033 N. Central Ave., Suite 145  
Phoenix, AZ 85012  
P 602.274.3831 | F 602.274.3958  
www.swca.com  
Sound Science. Creative Solutions.  
Please consider the environment before printing this email

From: Sarah L Davis [mailto:sldavis@fs.fed.us]  
Sent: Friday, May 29, 2009 3:52 PM  
To: Cara Bellavia  
Subject: Re: Rosemont Socioeconomics Analysis

Let's talk. I am on vacation all next week but I will call you on Monday the 8th.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Cara Bellavia" <cbellavia@swca.com>

05/28/2009 09:23 AM

To  
"Sarah L Davis" <sldavis@fs.fed.us>  
cc

Subject  
Rosemont Socioeconomics Analysis

Hi Sarah,

Can we set up a time to chat regarding what the FS would like the bounds of analysis (both spatial and temporal) to be for socioeconomics for the Rosemont Copper mine project? I am hoping we can connect some time next week (the week of June 1)?

In our our draft cause and effect statements, which I understand are not finalized yet, we proposed a 100-mile buffer from the mine to analyze in terms of the spatial bounds.

Let me know when you are available.

Thanks,

Cara

Cara Bellavia

SWCA Environmental Consultants

3033 N. Central Ave., Suite 145

Phoenix, AZ 85012

P 602.274.3831 | F 602.274.3958

[www.swca.com](http://www.swca.com)

Sound Science. Creative Solutions.

Please consider the environment before printing this email

**From:** mary m farrell/r3/usdafs;nsf;mfarrell@fs.fed.us;smtp  
**Sent:** Fri Jul 24 2009 14:05:59 EDT  
**To:** jeanine derby/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**CC:** sgriset@swca.com;beverley a everson/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** request for rosemont update to Tohono O'odham Nation's cultural preservation committee  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Jeanine & Reta,

Timothy Joaquin, chair of the TON's Cultural Preservation Committee, has requested an update on the Rosemont Copper Mine project. His email, addressed to Suzanne Griset of SWCA with a cc to me says in part:

The reasoning for my email today is, the Cultural Preservation Committee of the Tohono O'odham Legislative Council has had some discussion and also have heard presentations regarding "Rosemount Mine". The Committee is requesting if you could give an update on the status of the project or where it stands with all the media and federal legislation being introduced against this project. Please let me know on when would be the best time to come and give us an update on the project or if you could provide a written update to us. I really would appreciate any update on the project. Should you have other inquires to this request, please don't hesitate to reply.

Suzanne and I have both replied that it'd be more appropriate for the Forest Service to meet with the committee, and I believe it's essential that it be Jeanine or Reta, as well as Bill Gillespie, Suzanne, and I, as a followup to the previous meetings we've had with the official representatives of the Nation. I've asked Timothy for possible dates and will share them with you as soon as he replies.

Mary

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

communication with cooperating agencies, per our discussion Wednesday

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Jul 17 2009 21:18:01 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
abelauskas@fs.fed.us;aelek@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jable@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;klgraves@fs.fed.us;jones02@fs.fed.us;mfarrell@fs.fed.us;melissa  
**CC:** reichard <mreichard@swca.com>;rosemonteis  
<notify@weboffice.com>;rlaford@fs.fed.us;rlfevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;tcipusci@fs.fed.us;temmett@fs.fed.us;teresa@ciapusci.com;tfurgason@swca.com;wgillespie@fs.fed.us;wkeyes@fs.fed.us  
**Subject:** communication with cooperating agencies, per our discussion Wednesday  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The IDT asked some very good questions in this week's IDT meeting about working with Cooperating Agency representatives, and in response, I offer the following guidance on your correspondence with them for informal, short, peer-to-peer conversations. Treat this correspondence as you have with other projects you've worked on. Your experience should guide you as to what documentation, if any, is necessary for the record. However, if you have questions or concerns, ask me - if I don't know the answer, we'll strategize how best to find out.

Cooperating Agency personnel may have the same questions from their end. Basically, cooperators are free to review and comment on anything posted to the web. When we specifically ask a cooperator for review and feedback of a particular document, we should work through the project chain of command and consider formalizing the request and cooperator feedback - more detail on this aspect of working with cooperators is forthcoming.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**Rosemont**  
**Bounds of Analysis: Socioeconomics**  
**REVISED: July 16, 2009**

**Geographic Bounds of Analysis.** The geographic boundaries for analyzing socioeconomics are preliminarily identified as a 50-mile radius around the proposed mine (Figure S1). This buffer was selected based on various factors that may influence the location and magnitude of potential socioeconomic impacts, including:

- Communities that may experience direct and/or indirect economic impacts as a result of the by the proposed mine, either as a result of construction, operation, or closures (e.g., from employment, wages and taxes, changes in tourism spending, etc.);
- Anticipated changes in population as a result of in and out migration due to mine operation and/or employment;
- The availability and location of existing housing and potential housing and the capacity and condition of existing local services and facilities; and
- Changes in quality of life for area residents and visitors, including changes in recreation opportunities.

It is important to note that the 50-mile buffer extends into Mexico, however this locality will not be analyzed. The portion of Mexico that falls into the 50-mile buffer is excluded from the study area (see Figure S1)

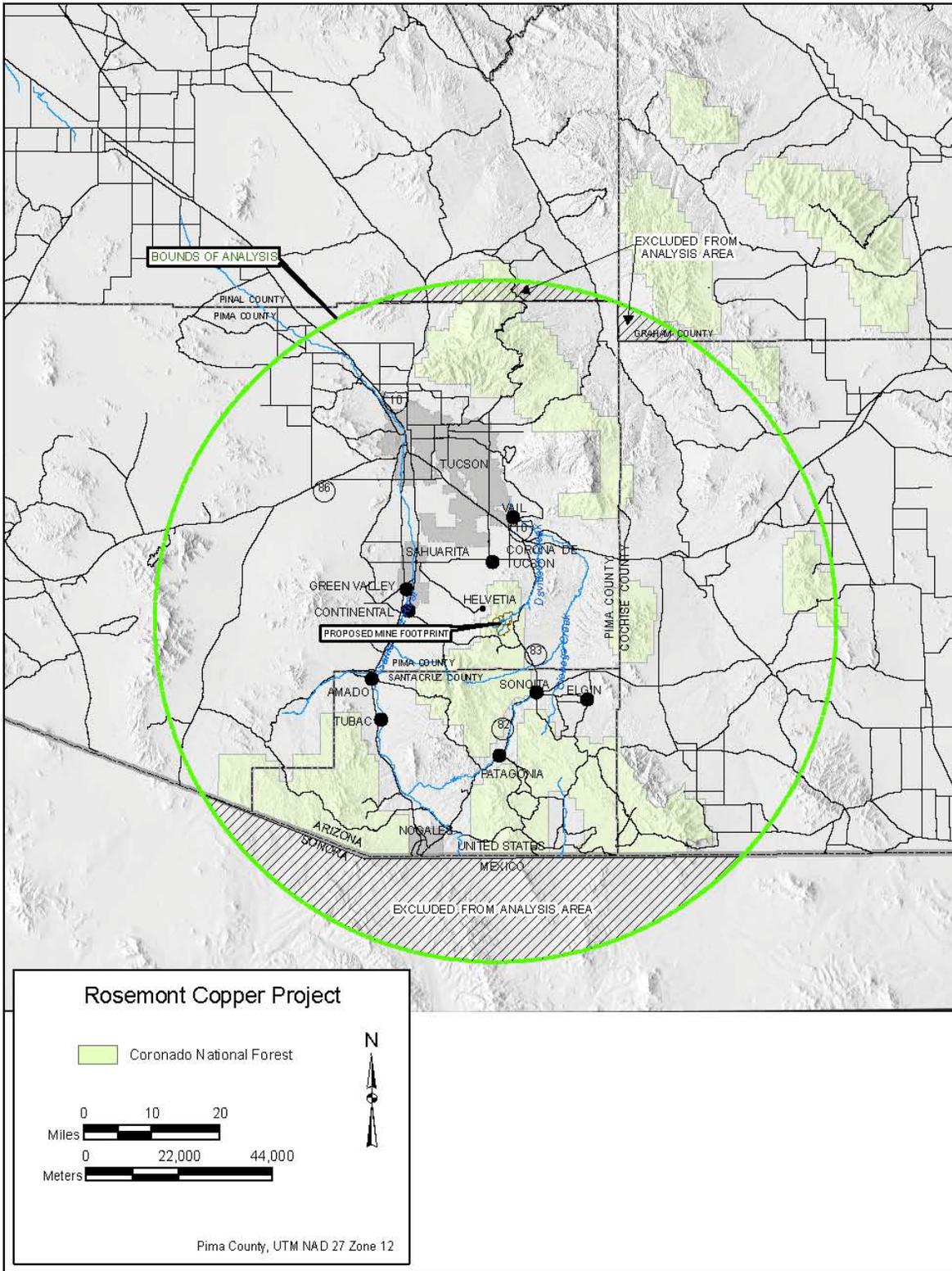
Additionally, although the 50-mile buffer extends into five counties (Santa Cruz, Pima, Cochise, Pinal and Graham), only 1% of the 50-mile buffer extends into Graham County and 0.5% extends into Pinal County. Additionally, no major towns or places are located within the portions of these two counties that extend into the 50-mile buffer study area. As such, Graham and Pinal counties will be excluded from this analysis (see Figure S1).

Counties that will be analyzed in the socioeconomic study will include Santa Cruz, Pima, and Cochise. Specific communities and tribal lands within the 50-mile buffer are included in this document (Table S1).

**Temporal Bounds of Analysis.** The temporal boundaries for analyzing socioeconomics will be guided in part by available data, an assessment of current conditions (without the proposed mine or associated activity) as well as the phases of activity associated with the proposed mine, including construction, operation and closure.

The most current data available for population is from the 2000 U.S. Census; IMPLAN data for estimating (modeling) impacts to employment, employment compensation, and economic output extends as far back as 1990; the most current IMPLAN data is for 2007. The three phases of activity associated with the mine, for which socioeconomic impacts can actually be measured, will be for 24 year period (construction [ $\pm 2$  years], operation [ $\pm 20$  years], closure [ $\pm 2$  years]). Impacts to the region “post-closure” will not be estimated, as estimating social and economic impacts beyond a 25 year period, for which no specific activity is associated, is too speculative.

Thus, as data is available, the temporal bounds of analysis will extend from 1990 to year of closure of the mine (roughly 2035 [to be based on when construction starts and closure ends]).



**Figure S1.** Bounds of analysis - (socioeconomic).

**Table S1.** List of places located within the 50-mile radius, including tribal land.

| COUNTY              | PLACE                              |
|---------------------|------------------------------------|
| Cochise             | Miracle Valley                     |
|                     | Palominas                          |
|                     | Black Bear Spring                  |
|                     | Sunnyside                          |
|                     | Nicksville                         |
|                     | Hereford                           |
|                     | Ramsey                             |
|                     | Bledsoe                            |
|                     | Sierra Vista Estates (subdivision) |
|                     | Bonnie Blink                       |
|                     | Coronado Village                   |
|                     | Signal Village                     |
|                     | Village Meadows (subdivision)      |
|                     | De Anza Village                    |
|                     | Cavalay Park                       |
|                     | Sierra Vista                       |
|                     | West Pershing Plaza                |
|                     | East Pershing Plaza                |
|                     | Gatewood Housing                   |
|                     | Fry                                |
|                     | Apache Flats                       |
|                     | Miles Manor                        |
|                     | Lewis Springs                      |
|                     | Huachuca City                      |
|                     | Charleston                         |
|                     | Campstone                          |
|                     | Tombstone                          |
|                     | Fairbank                           |
|                     | Benson Junction                    |
|                     | Contention                         |
|                     | Boquillas                          |
|                     | Escalante Crossing                 |
|                     | Curtiss                            |
|                     | Saint David                        |
|                     | Arizona Sun Sites                  |
|                     | Whetstone                          |
|                     | Benson                             |
|                     | Fenner                             |
|                     | Tully                              |
|                     | Mescal                             |
| Chamiso             |                                    |
| Pomerene            |                                    |
| Dragoon             |                                    |
| Manzoro             |                                    |
| Johnson             |                                    |
| Cascabel            |                                    |
| Hookers Hot Springs |                                    |
| Bradberry           |                                    |

| COUNTY                             | PLACE                                    |
|------------------------------------|------------------------------------------|
| Pima                               | Sandwash Mill                            |
|                                    | Arivaca                                  |
|                                    | Puertocito                               |
|                                    | Las Guijas                               |
|                                    | Secundino                                |
|                                    | Arivaca Junction                         |
|                                    | Greaterville                             |
|                                    | Rosemont Camp                            |
|                                    | Rosemont Junction                        |
|                                    | Continental                              |
|                                    | Green Valley                             |
|                                    | Helvetia                                 |
|                                    | Twin Buttes                              |
|                                    | Duval                                    |
|                                    | Sahuarita Heights                        |
|                                    | Pimaco Two                               |
|                                    | Sahuarita                                |
|                                    | Corona de Tucson                         |
|                                    | Uhs Kug                                  |
|                                    | Diamond Bell Ranch                       |
|                                    | San Xavier                               |
|                                    | New Tucson                               |
|                                    | Pantano                                  |
|                                    | Mountain View                            |
|                                    | Pan Tak                                  |
|                                    | Nawt Vaya                                |
|                                    | Harrington Place                         |
|                                    | Vail                                     |
|                                    | Three Points                             |
|                                    | Robles Junction                          |
|                                    | San Pedro                                |
|                                    | Esmond                                   |
|                                    | Corner Windmill                          |
|                                    | Wilmot                                   |
|                                    | Littletown                               |
|                                    | Drexel Heights                           |
|                                    | Emery Park                               |
|                                    | Rankin                                   |
|                                    | Vandenberg Village                       |
|                                    | Polvo                                    |
|                                    | Tucson Estates                           |
|                                    | Junction Interstate Nineteen Interchange |
|                                    | Pueblo Gardens                           |
|                                    | South Tucson                             |
| Rolling Hills Country Club Estates |                                          |
| Craycroft                          |                                          |
| Old Tucson                         |                                          |
| Tucson                             |                                          |

| COUNTY            | PLACE                        |
|-------------------|------------------------------|
|                   | Kingston Knolls Terrace      |
|                   | El Rio                       |
|                   | Polo Village                 |
|                   | Pascua Yaqui Indian Village  |
|                   | Tanque Verde                 |
|                   | Indian Ridge Estates         |
|                   | Tucson Country Club Estates  |
|                   | Amphitheater                 |
|                   | Stockham                     |
|                   | Jaynes                       |
|                   | Catalina Foothills           |
|                   | Oracle Foothills Estates     |
|                   | Valley View                  |
|                   | Skyline Bel Aire Estates     |
|                   | Orange Grove Estates         |
|                   | Casas Adobes                 |
|                   | Avra                         |
|                   | Kino                         |
|                   | Oracle Place Shopping Center |
|                   | Tucson National Estates      |
|                   | Cortaro                      |
|                   | Willow Canyon                |
|                   | Oro Valley                   |
|                   | Whitetail                    |
|                   | Rillito                      |
|                   | Soldier Camp                 |
|                   | Redington                    |
|                   | Marana                       |
|                   | Summerhaven                  |
|                   | Loma Linda                   |
|                   | Catalina                     |
| <b>Santa Cruz</b> | Nogales                      |
|                   | Kino Springs                 |
|                   | Duquesne                     |
|                   | Washington Camp              |
|                   | Beyerville                   |
|                   | Guevavi Mission              |
|                   | Old Glory                    |
|                   | Ruby                         |
|                   | Trench Camp                  |
|                   | Calabasas                    |
|                   | Harshaw                      |
|                   | Rio Rico                     |
|                   | Partridge                    |
|                   | Oro Blanco                   |
|                   | Otero                        |
|                   | Patagonia                    |
|                   | Canelo                       |

| COUNTY     | PLACE               |
|------------|---------------------|
| Santa Cruz | Tumacacori          |
|            | Carmen              |
|            | Alto                |
|            | Tubac               |
|            | Sotos Crossing      |
|            | Hacienda Los Encino |
|            | Elgin               |
|            | Agua Linda          |
|            | Sonoita             |
|            | Amado               |
|            | Madera Canyon       |

**TRIBAL LAND**

Pascua Yaqui  
San Xavier District (Tohono O'odham)  
Tohono O'odham

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Mon Jul 27 2009 17:14:33 EDT  
**To:** "cara bellavia" <cbellavia@swca.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>;"charles coyle" <ccoyle@swca.com>;"richard periman" <rperiman@fs.fed.us>;"tom furgason" <tfurgason@swca.com>  
**Subject:** RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds  
**Attachments:** Rosemont\_boundsofanalysis\_SOCIO\_REV\_071609.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Yes, this revised text and updated Bounds of Analysis map are good. I agree that the very small area located within Graham and Pinal counties (1 1/2%) can be excluded from analysis.

Thanks for your call today.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Cara Bellavia" <cbellavia@swca.com>

07/17/2009 02:44 PM

To  
"Sarah L Davis" <sldavis@fs.fed.us>  
CC  
"Richard Periman" <rperiman@fs.fed.us>, "Beverley A Everson" <beverson@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>, "Charles Coyle" <ccoyle@swca.com>  
Subject  
RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds

Hi Sarah,

As we started our analysis for this project, it seems like including Pinal and Graham counties in the study area wouldn't be that useful after all. Very small portions of these counties fall into the 50-mile buffer, and there are no cities or towns that are located within those counties within the buffer.

We revised the Bounds of Analysis to reflect this potential change; the revised document is attached for your consideration. The hi-lighted text is what has been updated, as well as a new Figure (Figure S1).

Please call me if you have any questions.

Thanks!

Cara

From: Sarah L Davis [mailto:sldavis@fs.fed.us]

Sent: Thursday, July 02, 2009 5:32 PM

To: Cara Bellavia

Cc: Richard Periman; Beverley A Everson; Tom Furgason

Subject: RE: Rosemont Socioeconomics Analysis - spatial and temporal bounds

Looks good, to move forward.

Only one question: what is the description of the communities with the large black dots on your map? I'm assuming that the dots indicate communities with smaller populations (or a certain size), because Benson, Sierra Vista and Nogales are not included.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Cara Bellavia" <cbellavia@swca.com>

06/12/2009 10:31 AM

To

"Sarah L Davis" <sldavis@fs.fed.us>

cc

Subject

RE: Rosemont Socioeconomics Analysis

Hi Sarah,

Attached is a a draft of the spatial and and temporal bounds of analysis approach. Can you please review this and let me know if you have any comments, edits, questions, etc?

Thank you!

Cara

Cara Bellavia  
SWCA Environmental Consultants  
3033 N. Central Ave., Suite 145  
Phoenix, AZ 85012  
P 602.274.3831 | F 602.274.3958  
www.swca.com  
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Please consider the environment before printing this email

From: Sarah L Davis [mailto:sldavis@fs.fed.us]  
Sent: Friday, May 29, 2009 3:52 PM  
To: Cara Bellavia  
Subject: Re: Rosemont Socioeconomics Analysis

Let's talk. I am on vacation all next week but I will call you on Monday the 8th.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Cara Bellavia" <cbellavia@swca.com>

05/28/2009 09:23 AM

To  
"Sarah L Davis" <sldavis@fs.fed.us>  
cc

Subject  
Rosemont Socioeconomics Analysis

Hi Sarah,

Can we set up a time to chat regarding what the FS would like the bounds of analysis (both spatial and temporal) to be for socioeconomics for the Rosemont Copper mine project? I am hoping we can connect some time next week (the week of June 1)?

In our our draft cause and effect statements, which I understand are not finalized yet, we proposed a 100-mile buffer from the mine to analyze in terms of the spatial bounds.

Let me know when you are available.

Thanks,

Cara

Cara Bellavia

SWCA Environmental Consultants

3033 N. Central Ave., Suite 145

Phoenix, AZ 85012

P 602.274.3831 | F 602.274.3958

[www.swca.com](http://www.swca.com)

Sound Science. Creative Solutions.

Please consider the environment before printing this email

- Rosemont\_boundsofanalysis\_SOCIO\_REV\_071609.doc

**From:** rosemonteis <notify@weboffice.com>  
**Sent:** Tue Jul 28 2009 18:18:02 EDT  
**To:** beverley everson <beverson@fs.fed.us>;reta laford <rlaford@fs.fed.us>;mindee roth <mroth@fs.fed.us>  
**CC:**  
**Subject:** Scoping Report #2  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here's the link to Scoping Report # 2 (.pdf format): <<https://rosemonteis.webexone.com/r.asp?a=5&id=151074>>

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jul 30 2009 12:43:42 EDT  
**To:** "kathy arnold" <karnold@rosemontcopper.com>  
**CC:** <beverson@fs.fed.us>; "jamie sturgess" <jsturgess@augustaresource.com>  
**Subject:** Alternatives Development  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Kathy,

Bev requested that SWCA more fully define or flesh out the alternatives developed to date. She specifically requested that we involve our sub consultants (SRK and MWH). Before doing that, I'd like to involve Rosemont in developing the key portions of each alternative. Although Bev did not give us a deadline, I'd like to accomplish this in the next two or three weeks. Would you be available to meet with SWCA next week or early the following week? I'd like John MacIvorto assist with this and I need to arrange for his travel schedule to accommodate this.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

**From:** teresa ann ciapusci/r3/usdafs;nsf;tciapusci@fs.fed.us;smtp  
**Sent:** Wed Jul 08 2009 10:12:40 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Participation for the Alternatives Development  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

If you are okay with Brian attending, please let Kathy know.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

----- Forwarded by Teresa Ann Ciapusci/R3/USDAFS on 07/08/2009 07:11 AM -----

Kathy Arnold <karnold@rosemontcopper.com>  
07/06/2009 01:13 PM

To  
Brian Lindenlaub <blindenlaub@westlandresources.com>  
cc  
"Blaine, Marjorie E SPL" <Marjorie.E.Blaine@usace.army.mil>, Teresa Ann Ciapusci <tciapusci@fs.fed.us>  
Subject  
Participation for the Alternatives Development

Brian –  
I think that, based on your role helping develop the B1 alternatives analysis for Marjorie, I would like to see you fully participate in the meetings over the next two weeks during the Forest Service and the Cooperator meetings.

Teresa Ann and Marjorie –  
Do you have thoughts on this or concerns about Brian's participation?

I am concerned that if basic portions of the alternatives discussions are missed that Brian and by extension, the Corps, won't have access to the a full range of alternatives being discussed and we will have a snafu when it comes to completing the analysis.

Please coordinate with Brian as appropriate.

Cheers!  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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Re: Fw: Tetra Tech Groundwater Modeling tech memos

**From:** salek shafiqullah/r3/usdafs;nsf;sshafiqullah@fs.fed.us;smtp  
**Sent:** Tue Jul 13 2010 11:51:14 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Fw: Tetra Tech Groundwater Modeling tech memos  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Bev,  
I have not yet seen or received the memos listed below. Thanks for the heads up.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

Beverley A Everson/R3/USDAFS  
07/12/2010 01:07 PM

To  
Salek Shafiqullah/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Tetra Tech Groundwater Modeling tech memos

FYI. Did you receive hard copies?

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/12/2010 01:06 PM -----

"Jonathan Rigg" <jrigg@swca.com>  
07/12/2010 12:53 PM

Re: Fw: Tetra Tech Groundwater Modeling tech memos

To

"Kathy Arnold" <karnold@rosemontcopper.com>

cc

"Beverley A Everson" <beverson@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>, "Melissa Reichard" <mreichard@swca.com>, "Dale Ortman PE" <daleortmanpe@live.com>

Subject

Tetra Tech Groundwater Modeling tech memos

Hi Kathy,

Just wanted to let you know that we received the Hydraulic Property Estimates and Hydrologic Framework Model technical memos from Tetra Tech on Friday. I will have Melissa post the electronic versions on WebEx and deliver the FS's copy to them.

Best,

Jonathan Rigg  
Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona  
Phone: (520) 325-9194  
Fax: (520) 325-2033  
Email: jrigg@swca.com

Re: FW: Draft discussion/thoughts on alternatives and effects to recreation and visual quality

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Thu Jul 30 2009 18:39:17 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: FW: Draft discussion/thoughts on alternatives and effects to recreation and visual quality  
**Attachments:** 07222009\_agenda.xml;Visual\_Effects\_Alternatives.doc;Recreation\_Effects\_Alternatives.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

A reminder for you... Melissa is on vacation this week. I think she returns to work on Tuesday.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Beverley A Everson/R3/USDAFS  
07/30/2009 03:28 PM

To  
Melinda D Roth/R3/USDAFS@FSNOTES  
cc  
"Melissa Reichard" <mreichard@swca.com>, "Tom Furgason" <tfurgason@swca.com>  
Subject  
Re: FW: Draft discussion/thoughts on alternatives and effects to recreation and visual quality

Melissa,

I think the best strategy is to put all the specialists' input into the table. Is that doable for you?

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Melinda D Roth/R3/USDAFS  
07/21/2009 10:04 AM

To  
"Melissa Reichard" <mreichard@swca.com>  
cc  
"Beverley A Everson" <beverson@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>  
Subject  
Re: FW: Draft discussion/thoughts on alternatives and effects to recreation and visual quality

I believe Bev plans to use specialist input on alternatives to eventually formulate a memo with rationale to Jeanine on what alternatives the team is recommending for detailed analysis, etc. I wouldn't do anything with the input right now. Bev will be back next week and you can ask her then if she wants you to consolidate the info. We have to get the issues formalized and reviewed by the RO before we can formalize the alternatives, so we have a little bit of time on this one. What is planned for tomorrow is to finalize issue statements and units of measure. I can make copies for the team. I just need your help setting up the laptop and projector. Thanks for all your help and diligence!

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

"Melissa Reichard" <mreichard@swca.com>  
07/21/2009 09:25 AM

To  
"Melinda D Roth" <mroth@fs.fed.us>  
cc  
"Tom Furgason" <tfurgason@swca.com>, "Beverley A Everson" <beverson@fs.fed.us>  
Subject  
FW: Draft discussion/thoughts on alternatives and effects to recreation and visual quality

Mindee-  
I know you are working on Region correspondence for SR1, but could you peek at this note? Should I be compiling all of the resource specialist comments into the table or how would you like these handled? Also, are there handouts that you would like me to have prepared for tomorrow?

Thanks for all you help!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: Debby Kriegel [mailto:dkriegel@fs.fed.us]  
Sent: Tuesday, July 21, 2009 8:24 AM  
To: Beverley A Everson; Melissa Reichard  
Subject: Draft discussion/thoughts on alternatives and effects to recreation and visual quality

Here is my homework for tomorrow's meeting. I realize that we were supposed to put our thoughts into a table, but I wasn't sure which table to use, and it looked like other resource specialists were creating documents like this...so I drafted something similar. This morning I attempted to post the rec document on WebEx and it appeared to save fine, but then I couldn't find it on WebEx, so I must have done something wrong.

Melissa, can you either post these documents on WebEx? Or do you or Bex plan to consolidate text from specialist's input into one big table for us all to loo at?

Thanks.



## NEWS RELEASE

### **Augusta Announces Mine Truck Fleet Purchase and Finance Strategy**

**DENVER, CO, July 21, 2009 - Augusta Resource Corporation (TSX/NYSE Amex: AZC)** (“Augusta” or “the Company”) is pleased to announce the signing of an agreement for the purchase of 23, 250-ton Caterpillar 793F haulage trucks for its 100%-owned Rosemont Copper project in southern Arizona. The purchase was made by Augusta’s wholly owned subsidiary Rosemont Copper Company (“Rosemont”) from Empire Southwest LLC (“Empire”), a Caterpillar dealership headquartered in Mesa, Arizona. Contingent with the purchase agreement signed by the parties, Augusta and Caterpillar Financial Services Corporation, USA (“CFSC”), have agreed on a term sheet for a capital lease of the Caterpillar trucks and other related equipment for an amount up to US\$100 million.

Augusta Senior Vice President and CFO Raghunath Reddy said: “We are pleased to have Empire supply and support our fleet for Rosemont with CFSC assisting us in equipment-based financing. We have now kicked off the execution phase of our project financing strategy that includes equipment-based financing, concentrate off-take financing and senior debt financing.”

Augusta is currently in negotiations with smelters for delivery of concentrates with associated project financing commitments. The Company will also look to traditional project finance banks for the balance of the senior debt financing. Augusta strongly believes the project can sustain debt financing of 65%-70% of the total project capital cost, which amounts to approximately \$625 million. “We expect that equipment related financing, concentrate off-take financing and senior debt financing will comprise US\$150 million, US\$200 million and US\$275 million respectively of the total debt requirement,” said Mr. Reddy.

“Great projects always get financed and Rosemont is no exception”, said Augusta President and CEO Gil Clausen. He added, “The Rosemont bankable feasibility study has detailed excellent economics and low production costs. Our financing strategy for the remaining 30%-35% of the estimated US\$900 million capital cost is to pursue a number of alternatives including forward sales of silver and gold production.”

The contract value between Rosemont and Empire is approximately \$82.2 million for the purchase of the 23 trucks, to be delivered in late 2010 and early 2011. Rosemont is not required to deposit cash and not expected to draw on any facility before July 2010.

Empire was selected to supply Caterpillar haul trucks due to their excellent service support, Tier 2 engines for lower emissions, commitment to technology with Mine Star GPS and Mesh systems and assistance with arranging financing. Empire has a full service center in Tucson, Arizona, approximately 50 kilometres from the Rosemont site.

#### **About Augusta**

Augusta is a base metals company focused on advancing the Rosemont Copper deposit near Tucson, Arizona. Rosemont currently hosts a large copper/molybdenum reserve that may account for about 10% of US copper output once in production in late 2011 (for details refer to [www.augustaresource.com](http://www.augustaresource.com)). The exceptional experience and strength of Augusta’s management team, combined with the developed infrastructure and robust economics of the Rosemont project, will propel Augusta to become a solid mid-tier copper producer by 2012. The Company is traded on the Toronto Stock Exchange and the NYSE Amex under the symbol AZC, and on the Frankfurt Stock Exchange under the symbol A5R.

For additional information please visit [www.augustaresource.com](http://www.augustaresource.com) or contact:

Meghan Brown, Investor Relations Manager

tel 604 638 2002

email [mbrown@augustaresource.com](mailto:mbrown@augustaresource.com)

#### CAUTIONARY STATEMENTS REGARDING FORWARD LOOKING INFORMATION

Certain of the statements made and information contained herein and in the documents incorporated by reference may contain forward-looking statements or information within the meaning of the *United States Private Securities Litigation Reform Act of 1995* and forward looking statements or information within the meaning of the *Securities Act* (Ontario). Forward-looking statements or information include statements regarding the expectations and beliefs of management. Forward looking statements or information include, but are not limited to, statements or information with respect to known or unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements or information. Forward-looking statements or information are subject to a variety of risks and uncertainties which could cause actual events or results to differ from those reflected in the forward-looking statements or information, including, without limitation, risks and uncertainties relating to the Company's plans at its Rosemont Property and other mineral properties, the interpretation of drill results and the estimation of mineral resources and reserves, the geology, grade and continuity of mineral deposits, the possibility that future exploration, development or mining results will not be consistent with the Company's expectations, metal recoveries, accidents, equipment breakdowns, title matters, labor disputes or other unanticipated difficulties with or interruptions in production and operations, the potential for delays in exploration or development activities or the completion of feasibility studies, the inherent uncertainty of production and cost estimates and the potential for unexpected costs and expenses, commodity price fluctuations, currency fluctuations, failure to obtain adequate financing on a timely basis, the effect of hedging activities, including margin limits and margin calls, regulatory restrictions, including environmental regulatory restrictions and liability, the speculative nature of mineral exploration, dilution, competition, loss of key employees, and other risks and uncertainties, including those described under "Risk Factors Relating to the Company's Business" in the Company's Annual Information Form dated March 25, 2009. Should one or more of these risks and uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described in forward-looking statements. Accordingly, readers are advised not to place undue reliance on forward-looking statements or information. We do not expect to update forward-looking statements or information continually as conditions change, and you are referred to the full discussion of the Company's business contained in the Company's reports filed with the securities regulatory authorities in Canada and the United States.

**From:** charles a blair/r3/usdafs;nsf;cablair@fs.fed.us;smtp  
**Sent:** Mon Feb 22 2010 16:24:59 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** melinda d roth/r3/usdafs@fsnotes;walter keyes/r3/usdafs@fsnotes  
**Subject:** Re: Fw: Trucks - 793F  
**Attachments:** 21\_july\_2009\_AZC\_truck\_fleet\_purchase\_and\_financing\_strategy.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Thank you, for securing an answer to my question. I asked because I had heard both the 793C and 793F models referenced recently as well as the fact that the 260 Ton capacity mentioned in the MPO matches the manufacturer's specifications for neither the 793C or 793F -240 and 250 Ton capacities(un-modified) respectively per the caterpillar performance handbook. It may seem trivial as they are all extremely large trucks that accomplish the same task but equipment lists referenced by an operator in an approved MPO should be consistent with what is actually used in the operation per 36 CFR 228.4 and 228.12. Since the capacity of the trucks are mentioned in the MPO it will need to be changed in the final MPO to reflect the same capacity as the trucks used or instead the plan could simply state less specific truck specs(I.E. "Caterpillar 700 series or equivalent") thus making a conflict between equipment in the approved plan and equipment actually used less likely. This principal applies to all equipment referenced in a final approved MPO .

Chuck Blair  
Minerals Technician  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

520-388-8341

Beverley A Everson/R3/USDAFS  
02/19/2010 05:07 PM

To  
Charles A Blair/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Trucks - 793F

Please see Kathy's response to your question, below.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 02/19/2010 05:06 PM -----

Kathy Arnold <karnold@rosemontcopper.com>  
02/19/2010 10:10 AM

To  
Beverley Everson <beverson@fs.fed.us>  
cc

Subject  
Trucks - 793F

Bev -  
I don't seem to have Chuck's email for some reason so please forward to him. This is the press release announcing the truck purchase.

Cheers!  
Kathy  
Katherine Ann Arnold, P.E. | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

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**From:** "lauren weinstein" <lweinst@epgaz.com>  
**Sent:** Mon Mar 15 2010 11:17:46 EDT  
**To:** "beverley everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: Forest Service ID team  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Hi Beverley,

Will you have a conference phone available?

Lauren

From: Kathy Arnold [mailto:karnold@rosemontcopper.com]  
Sent: Friday, March 12, 2010 4:48 PM  
To: Ed Beck; Lauren Weinstein  
Cc: Beverley Everson; Jamie Sturgess  
Subject: Forest Service ID team

Ed and Lauren -

I just received a request from the Forest Service for a presentation on Wednesday morning that incorporates the information that was presented to the Stakeholders last week. Kent would like to hold any comment he has for the powerline process until he gets input from the ID team and wants to be sure he passes along all information.

Please indicate your availability for a meeting on Wednesday morning – Bev indicated that they start around 9 am and we could present at that time however I am tied up until 9:30 am. I also want to be sure about what you believe would be appropriate for presentation at this meeting, so please also indicate any concerns you may have regarding sharing stakeholder information before it goes to the rest of the general public.

Thank you -

Kathy

Katherine Ann Arnold, P.E. | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

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P.O. Box 35130 | Tucson, AZ 85740-5130  
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**From:** teresa ann ciapusci/r3/usdafs;nsf;tciapusci@fs.fed.us;smtp  
**Sent:** Thu Apr 22 2010 19:00:21 EDT  
**To:** "blaine, marjorie e spl" <marjorie.e.blaine@usace.army.mil>  
**CC:**  
**BCC:** beverley a everson/r3/usdafs  
**Subject:** Re: Alternatives  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Marjorie -

I checked with the IDT Leader and yes, she received the materials. Brian Lindenlaub contacted her to let her know they were provided by mistake and to request the materials be returned. The IDT Leader is returning them to Brian as requested.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax  
E-Mail: tciapusci@fs.fed.us

"Blaine, Marjorie E SPL" <Marjorie.E.Blaine@usace.army.mil>  
04/22/2010 12:42 PM

To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>  
cc  
"Brian Lindenlaub" <blindenlaub@westlandresources.com>, "Beverley A Everson" <beverson@fs.fed.us>  
Subject  
Alternatives

Teresa Ann

You all may have received an alternatives analysis for Rosemont through Kathy Arnold. This was prepared by WestLand. That is a premature document that was not supposed to go to the USFS. WL is currently preparing a technical memo with our final array of alternatives that they will send to me and I will forward to you.

My apologies. WL will be contacting you all to get the documents back. Thank you.

Marjorie Blaine  
Senior Project Manager/Biologist  
U.S. Army Corps of Engineers  
Tucson Project Office, Regulatory Division  
5205 E. Comanche Street  
Tucson, AZ 85707  
(520)584-1684 (phone)  
(520)584-1690 (fax)

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<http://per2.nwp.usace.army.mil/survey.html>

Note: If the link is not active, copy and paste it into your internet browser.

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Fri Jun 04 2010 08:40:37 EDT  
**To:** ""beverley a everson"" <beverson@fs.fed.us>; ""kathy arnold"" <karnold@rosemontcopper.com>; ""salek shafiqullah"" <sshafiqullah@fs.fed.us>  
**CC:**  
**Subject:** RE: Geochemistry Technical Meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

All,

I will prepare a SOW and Request for Cost Estimate for SRK an include the 17th-18th as a target date for a teleconference. Once we have approval of the expenditure and a task order in place we can proceed.

Dale

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, June 03, 2010 5:08 PM  
To: Kathy Arnold; Salek Shafiqullah  
Cc: Dale PE  
Subject: Re: Geochemistry Technical Meeting

Kathy,

How about the 17th or 18th? Dale and Salek, what would work for you?

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Kathy Arnold <karnold@rosemontcopper.com>

06/01/2010 03:41 PM

To

Beverley Everson <beverson@fs.fed.us>

cc

Dale PE <daleortmanpe@live.com>

Subject

Geochemistry Technical Meeting

Bev -

I would like to request that the Forest Service (or Dale) set up some conference calls between SRK, the Forest, and the Rosemont Technical Consultants to discuss the geochemical comments that have been provided. I would like to have out technical people be sure they understand SRK and the Forest's concerns so they can respond fully. I am hoping that at least the initial meetings can be done via conference call as the bulk of the consultants (including SRK) work out of the Denver area. I am assuming these will be handled in a manner similar to the hydrology modeling discussions where Rosemont will not participate and only the technical people be present.

Let me know if I can help, otherwise I will leave it in the technical committee's capable hands.

Regards,

Kathy

Katherine Ann Arnold, P.E. | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@rosemontcopper.com

Rosemont Copper Company

P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jul 30 2009 19:08:42 EDT  
**To:** "sturgess jamie" <jsturgess@augustaresource.com>;"reta laford" <rlaford@fs.fed.us>;"charles coyle" <ccoyle@swca.com>;"beverley a everson" <beverson@fs.fed.us>  
**CC:** "buck andrews" <bandrews@augustaresource.com>;"lance newman" <lnewman@augustaresource.com>;<rhenderson@m3eng.com>;"kathy arnold" <karnold@rosemontcopper.com>;"donna morey" <dmorey@swca.com>  
**Subject:** RE: Schedule for Rosemont Financial and Progress Review: August 10,11,12 2009  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Jamie,

I would like Charles, Melissa, and Donna Moreyto attend. I am coordinating their schedules and hope to get back you by COB tomorrow.

Tom Furgason

From:Sturgess Jamie [mailto:jsturgess@augustaresource.com]  
Sent: Thursday, July 30, 2009 3:33 PM  
To: Reta Laford; Tom Furgason; Charles Coyle; Beverley A Everson  
Cc: Buck Andrews; Lance Newman; RHenderson@M3eng.com; Kathy Arnold  
Subject: Schedule for Rosemont Financial and Progress Review: August 10,11,12 2009

July 30, 2009

Dear Reta and Tom:

Our EIS Financial and Progress Review Team of two has assembled, and has scheduled August 10, 11, and 12 for meetings with SWCA and the CoronadoNational Forest. Alternative dates could be scheduled for August 12, 13, and 14.

The schedule can be worked out by the team to meet the availability of Forestand SWCA personnel.

Buck Andrews (Augusta Controller) will be assisted by Tim Oliver (Regulatory Specialist) of M3 engineers.

Buck will lead the Financial Review.  
Tim Oliver will lead the Progress Review.

A member of the Rosemont Tucson Operations Team will be present at the introductory meeting.

Focus of the Progress and Financial Review Team is to Review/Report on the EIS process, for the time period of October 1, 2008 through June 30, 2009. This represents three quarters for the Forestfiscal year, and relates to the date of the modified MOU of Sept 2008.

For SWCA, it may be more relevant to review calendar year 2009, and focus on the first half of 2009.

## SCOPE OF REVIEW

The project scope for the Progress and Financial Review are listed below:

Review the progress of milestone items from the Forest Service/Augusta Memorandum of Understanding dated September 2008.

(For SWCA these items from the SWCA/Rosemont Contract

Identify completed items from the MOU as evidenced by the project record.

Identify work-in-progress items from the MOU milestones.

Estimate percent completion of each WIP item listed in the MOU.

Discuss approaches to accelerate items that are behind schedule.

The goal of this review is to compile a common understanding of where the project stands related to milestones completed, underway, or anticipated for completion.

Review the budgeted expenditures for each of the milestone items from the MOU

(For SWCA from the SWCA Contract)

Review the expenditures for each milestone item (or for appropriate time period as relevant)

Compare expenditures to budgeted or allocated funding amount

Discuss approaches to adjust the expenditures, allocations, or level of effort to meet the budgeted or allocated funding amounts.

The goal of the financial review is to compile a common understanding of where the project stands related to budgeted tasks and milestones.

Report to Rosemont Management on findings related to the CNF.

Schedule by USFS

Budgets USFS

Report to Rosemont Management on findings related to SWCA.

Budgets SWCA

Schedule by SWCA

This effort is meant to be a constructive mid-process effort to identify a firm basis for all parties involved as we enter the budgeting cycle for next year.

The effort also supports Augusta's internal Financial control system.

The cooperation of all is appreciated.

Jamie Sturgess

## A “REPURPOSED TAILINGS” HYPOTHETICAL:

ROSEMONT MINING, AUGUST 31, 2010

Your [Mine Plan Operations Summary and Overview](#) indicates tailings are a *remainder* of the processed “75,000 tons per day (tpd) of ore”—of which “73,600 tpd of dry tailings would be consigned to “Tailings Storage Areas.”

What part of that tailings stream from this proposed plan would a large **AAC** plant *repurpose*—1000 tpd/73,600 tpd or 0.0136%, correct?

While an initial reaction might be dismissive of such a seemingly small percentage, we invite your further attention.

Your tailings may well be a source of high grade silica—*manmade sand*. Testing would be required, but if positive, a *reconstructive* usage would be for the manufacture of aerated autoclaved concrete (**AAC**).

Over the mine’s estimated **19 year** life span the plant’s *repurposed tailings* production (operating only 250 days per year) would be **4,750,000 tons** of **AAC**, i.e.

(1000 tpd x 250 da/yr) x 19 yrs equals a *potential* 4,750,000 tons of *repurposed* tailings.

Going the next step, putting a dollar amount, in the form of a hypothetical revenue stream, to that base, we find...

- 1 cubic foot of AAC requires 22 pounds of high grade silica;
- 1 ton of tails would produce **90.91 cubic feet** of **AAC** (2000 lbs/22 lbs = 90.91);
- therefore, 90.91 cubic feet of **AAC** from 1 ton of *repurposed* tailings, retailing at \$3.75/cft. (for standard blocks only; reinforced panels are more expensive), results in a pro forma value of **\$340.91 per ton** (\$3.75 x 90.91).

**AAC**, an isotropic, insulative, high performance building material, produced from Rosemont’s *found resource*, per our proposed hypothetical discussion, pencils out as follows:

- \$340.91 per ton x 4,750,000 over 19 years equals
- a *found money* revenue stream of **\$1,619,322,500**.

**From:** "jeff ramsdell" <jkram@sbcglobal.net>  
**Sent:** Tue Aug 31 2010 14:33:37 EDT  
**To:** <karnold@rosemontcopper.com>; <beverson@fs.fed.us>  
**CC:** <gkoumal@aol.com>  
**Subject:** Repurposed Rosemont Mine Tailings & Autoclaved Aerated Concrete (AAC)  
**Attachments:** The National Academies Grand Challenge in Engineerin1.doc; ROSEMONT HYPOTHETICAL, 9.1.10.doc; image001.png

**Importance:** Normal  
**Priority:** Urgent  
**Sensitivity:** None

Dear All,

Previously we indicated a 1000 ton per day AAC operation could use the entire tailings run of a small gold mining operation, i.e. rather than a waste stream we suggest a Twenty-First Century, eco-friendly, high performance building material.

Join us for a moment, outside the box, and consider: porphyry tailings might indeed be a wasted resource. Indeed, your tailings are manmade sand...

What is the "found money" possibility of such an exercise?

You currently estimate Rosemont's "[a]nnual production...would be approximately 230 million pounds of copper, 5 million pounds of molybdenum, and 3.5 million ounces of silver and would be sustained over the estimated 19-year life of the mine.

Our attached "Hypothetical" posits an estimated retail market value from the reconstructive utilization of Rosemont's tailings to be as much as \$1,619,322,500.

We look forward to your further thoughts and discussion.

Cordially,

Jeff Ramsdell, MBA

Dollars&SenseAssociates

100 South Street, Suite 212

Sausalito CA 94965

415 332 0260

[jkram@global.thunderbird.edu](mailto:jkram@global.thunderbird.edu)(Primary)

[jeff@aac-nw.com](mailto:jeff@aac-nw.com)

[www.aac-nw.com](http://www.aac-nw.com)(a work-in-progress)

"All that we are is the result of our thoughts. With our thoughts we make the world."

Unknown

- image001.png - ROSEMONT HYPOTHETICAL, 9.1.10.doc - The National Academies Grand Challenge in Engineerin1.doc

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Tue Jul 21 2009 11:24:17 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes;mreichard@swca.com  
**CC:**  
**Subject:** Draft discussion/thoughts on alternatives and effects to recreation and visual quality  
**Attachments:** Visual\_Effects\_Alternatives.doc;Recreation\_Effects\_Alternatives.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here is my homework for tomorrow's meeting. I realize that we were supposed to put our thoughts into a table, but I wasn't sure which table to use, and it looked like other resource specialists were creating documents like this...so I drafted something similar. This morning I attempted to post the rec document on WebEx and it appeared to save fine, but then I couldn't find it on WebEx, so I must have done something wrong.

Melissa, can you either post these documents on WebEx? Or do you or Bex plan to consolidate text from specialist's input into one big table for us all to look at?

Thanks.

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri Jul 31 2009 13:44:15 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "melinda d roth" <mroth@fs.fed.us>; <rlaford@fs.fed.us>; <jdmacivor@frontiernet.com>; "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Alternative Development  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I'd like to confirm your expectations of SWCA's approach to drafting the Alternatives for detailed consideration for the Rosemont Copper Project. It is our understanding that you would like SWCA to engage our subconsultants SRK and MWH to "flesh out" all alternatives developed to date. We will be mindful to develop the alternatives as they pertain to the issues that are the primary drivers and to the extent possible, the units of measurement that will demonstrate differences between alternatives. The alternatives presently include:

No Action  
Scholefield (tailings) and McClearly (waste) Canyons  
Rosemont's Alternative in Response to Comments  
Sycamore (tailings) and Upper McClearly/Upper Barrel (waste) Canyons  
Upper Barrel Only (currently referred to as Alternative 6c)

We anticipate developing the following key elements for each action alternative:

Waste Rock and Tailings Facilities (actual placement and staging/timing)  
Transportation Infrastructure within the mine operations  
Heap Leach Pad and appurtenant structures  
Electrical Transmission Corridors (to the extent possible w/o ACC approval of the final alignment)  
Access Road(s)  
Surface Water Management  
Reclamation and Closure

SWCA will also define the No Action Alternative with the understanding that no Mine Plan of Operation would be approved regardless of any mitigation or ability for Rosemont Copper Company's ability to design a legally permissible mine.

Please let me know if there are other key elements that you feel are required to develop these alternatives.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri Jul 31 2009 18:42:56 EDT  
**To:** "sturgess jamie" <jsturgess@augustaresource.com>;"reta laford" <rlafor@fs.fed.us>;"charles coyle" <ccoyle@swca.com>;"beverley a everson" <beverson@fs.fed.us>  
**CC:** "buck andrews" <bandrews@augustaresource.com>;"lance newman" <lnewman@augustaresource.com>;<rhenderson@m3eng.com>;"kathy arnold" <karnold@rosemontcopper.com>;"donna morey" <dmorey@swca.com>;"ken houser" <khouser@swca.com>  
**Subject:** RE: Schedule for Rosemont Financial and Progress Review: August 10,11,12 2009  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Mr. Andrews:

SWCA would like to request that you schedule the audit on Monday, August 10th at our office in Tucson, Arizona. I will have Charles Coyle and Donna Morey travel to Tucson on that day and bring all pertinent documentation for your review. This will likely be more efficient than having you, Tim, and Jamie travel to Phoenix. Please let me know what time you would like to begin the audit.

I agree with Jamie that this is an opportunity for a constructive mid-process evaluation and this process will assist in understanding your needs for future budgeting cycles. We appreciate that Rosemont Copper Company is held to an internal financial control system and are willing to support you in meeting your company's requirements.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ 85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

From: Sturgess Jamie [mailto:jsturgess@augustaresource.com]  
Sent: Thursday, July 30, 2009 3:33 PM  
To: Reta Laford; Tom Furgason; Charles Coyle; Beverley A Everson  
Cc: Buck Andrews; Lance Newman; RHenderson@M3eng.com; Kathy Arnold  
Subject: Schedule for Rosemont Financial and Progress Review: August 10,11,12 2009

July 30, 2009

Dear Reta and Tom:

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The schedule can be worked out by the team to meet the availability of Forest and SWCA personnel.

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Buck will lead the Financial Review.  
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Report to Rosemont Management on findings related to the CNF.  
Schedule by USFS  
Budgets USFS  
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Budgets SWCA  
Schedule by SWCA

This effort is meant to be a constructive mid-process effort to identify a firm basis for all parties involved as we enter the budgeting cycle for next year.  
The effort also supports Augusta's internal Financial control system.

The cooperation of all is appreciated.

Jamie Sturgess

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri Jul 31 2009 18:07:46 EDT  
**To:** "melinda d roth" <mroth@fs.fed.us>  
**CC:** <rlaford@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**Subject:** RE: Scoping Report #2  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Mindee,

I just checked the versions on the web and they did not match what I sent to the formatter. It appears that all changes with the exception of those two sections were made. I don't typically believe in software glitches, but our formatter is working to figure out what happened we should be able to repost the reports with those two sections today. We think that it may have to do with some settings on track changes. My apologies for the error.

Tom

From: Melinda D Roth [mailto:mroth@fs.fed.us]  
Sent: Friday, July 31, 2009 12:50 PM  
To: Tom Furgason  
Subject: Scoping Report #2

I am glancing at the final of reports 1 and 2 in Webex and I notice a critical problem on #2. On an earlier rendition of report #2, there were 2 subsection following "Form Letters" These were "Attachments" and "Data Entry Process". I think these sections explained and referred to Figures 3, 4, and 5 about the sample comment letter. Am I the one missing something here or did these section get dropped inadvertently?

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Sat Aug 01 2009 14:04:31 EDT  
**To:** bgaddis@swca.com  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** Rosemont - night skies  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I have reviewed the Night Sky Bounds of Analysis information you sent. Looks good. Since we received concerns about lighting as seen from residences I would add two areas for key observation points. Talked with Tom Furgason and we think 1) the Hilton Road residential area and 2) the intersection of the Greaterville Road with Highway 83. If you have other residential areas to recommend let me know. Also, two other areas may need key observation points; there is a University of Arizona observatory at Mt. Bigelow in the Catalinas and there is camping on the BLM's Las Cienegas National Conservation Area located across Highway 83. To ask BLM about their concerns go through the BLM contact on this project and talk with Karen Simms in recreation at Las Cienegas (Karen\_Simms@blm.gov). I don't know if these last two (U of A and BLM have concerns or not).

I will be working in Juneau this next week, so call me on my cell if you have questions 520-237-4868 or 520-603-8885. Care to recommend any good places to go while visiting there, could use a restaurant recommendation.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

**From:** "ben gaddis" <bgaddis@swca.com>  
**Sent:** Mon Aug 03 2009 00:31:54 EDT  
**To:** "sarah l davis" <sldavis@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "tom furgason" <tfurgason@swca.com>; "charles coyle" <ccoyle@swca.com>  
**Subject:** RE: Rosemont - night skies  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Sarah,

Thanks for getting back to me with additions for the night sky bounds of analysis. As I add the locations you mentioned I'll talk with Tom to get more detail if necessary.

As to Juneau, the food at a place called Sandpiper (as I recall) was very good. Also, Heritage Coffee had some good breakfast food in addition to coffee. Have a great time there. Hopefully you'll get good weather like we had at the beginning of July.

Thanks again and talk with you again soon.

Best regards,  
Ben

-----Original Message-----

From: Sarah L Davis [mailto:sldavis@fs.fed.us]  
Sent: Sat 8/1/2009 11:04 AM  
To: Ben Gaddis  
Cc: Beverley A Everson  
Subject: Rosemont - night skies

I have reviewed the Night Sky Bounds of Analysis information you sent. Looks good. Since we received concerns about lighting as seen from residences I would add two areas for key observation points. Talked with Tom Furgason and we think 1) the Hilton Road residential area and 2) the intersection of the Greaterville Road with Highway 83. If you have other residential areas to recommend let me know. Also, two other areas may need key observation points; there is a University of Arizona observatory at Mt. Bigelow in the Catalinas and there is camping on the BLM's Las Cienegas National Conservation Area located across Highway 83. To ask BLM about their concerns go through the BLM contact on this project and talk with Karen Simms in recreation at Las Cienegas (Karen\_Simms@blm.gov). I don't know if these last two (U of A and BLM have concerns or not).

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Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest

RE: Rosemont - night skies

TEL 520-388-8458  
FAX 520-388-8332

**From:** "Jonathan Rigg" <jrigg@swca.com>  
**Sent:** Mon Jul 12 2010 15:53:31 EDT  
**To:** "Kathy Arnold" <karnold@rosemontcopper.com>  
**CC:** "Beverly A. Everson" <beverson@fs.fed.us>; "Tom Furgason" <tfurgason@swca.com>; "Melissa Reichard" <mreichard@swca.com>; "Dale Ortman PE" <daleortmanpe@live.com>  
**Subject:** Tetra Tech Groundwater Modeling tech memos  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Kathy,

Just wanted to let you know that we received the Hydraulic Property Estimates and Hydrologic Framework Model technical memos from Tetra Tech on Friday. I will have Melissa post the electronic versions on WebEx and deliver the FS's copy to them.

Best,

Jonathan Rigg

Environmental Planner

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona

Phone: (520) 325-9194

Fax: (520) 325-2033

Email: jrigg@swca.com

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smt  
**Sent:** Mon Aug 03 2009 15:48:08 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Issue Statements for review  
**Attachments:** 07272009\_final\_issue\_statements.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

These look good to me, with the exception for consistency of the words "may", "would", etc.

Recreation's first sentence uses the word "may", Visual Resource's first sentence reads "would", and other resources vary (may, would, and could).

Beverley A Everson/R3/USDAFS  
07/29/2009 11:22 AM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
abelauskas@fs.fed.us, aelek@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, jable@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, klgraves@fs.fed.us, ljones02@fs.fed.us, mfarrell@fs.fed.us, Melissa Reichard <mreichard@swca.com>, rlaford@fs.fed.us, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, tciapusci@fs.fed.us, temmett@fs.fed.us, tfurgason@swca.com, wgillespie@fs.fed.us, wkeyes@fs.fed.us  
Subject  
Issue Statements for review

Please review the enclosed Issue Statements, which the core team worked on last Wednesday, and submit comments to Mindee and to me. The due date for your comments is COB next Tuesday, August 4.

Thank you -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

Here is the latest version... Sarah helped with some wordsmithing, Salek wants to look at Water closely again, and I want to talk to Debbie S. about Plants and Animals. It would be great if you would read these and check for clarity and completeness based on what you recall from public comment and work on the issue worksheets. Thx.

Mindee Roth

Coronado National Forest

300 W. Congress, FB42

Tucson, AZ 85701

(520) 388-8319

(520) 396-0715 (cell)

(520) 388-8305 (FAX)

No IDT meeting this week. PLEASE PLAN ON A FULL DAY MEETING ON AUGUST 12, BOTH CORE AND EXTENDED

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Aug 03 2009 19:35:32 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
abelauskas@fs.fed.us;aelek@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jable@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary  
**CC:** m farrell/r3/usdafs@fsnotes;rlefevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;wgillespie@fs.fed.us;walter  
keyes/r3/usdafs@fsnotes;tfurgason@fs.fed.us;mreichard@swca.com;melinda d roth/r3/usdafs@fsnotes  
**Subject:** No IDT meeting this week. PLEASE PLAN ON A FULL DAY MEETING ON AUGUST 12, BOTH CORE AND EXTENDED  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Aug 04 2009 16:39:02 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>  
**CC:** "melinda d roth" <mroth@fs.fed.us>; <jdmacivor@frontiernet.com>; "charles coyle" <ccoyle@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** FW: Agenda Items for CNF/Rosemont NEPA Meeting august 6 2009  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

FYI

From: Sturgess Jamie [mailto:jsturgess@augustaresource.com]  
Sent: Tuesday, August 04, 2009 10:38 AM  
To: Tom Furgason  
Subject: FW: Agenda Items for CNF/Rosemont NEPA Meeting august 6 2009

Tom:  
For our meeting. We are going to be in a very uncomfortable position if we can not get these past dues done before the audit.  
This is no longer an acceptable condition, so I ask you to help any way you can suggest.

Come with the colored tables, so we can discuss WHY we are falling behind.

Jamie

----- Forwarded Message

From: gcheniae <gcheniae@cox.net>  
Date: Tue, 04 Aug 2009 10:34:10 -0700  
To: 'Sturgess Jamie' <jsturgess@augustaresource.com>  
Cc: "Katherine A. Arnold" <karnold@rosemontcopper.com>, "Gordon L. Cheniae" <gcheniae@cox.net>  
Subject: RE: Agenda Items for CNF/Rosemont NEPA Meeting august 6 2009

Jamie: I would cc Tom F (SWCA) on this so they also get the message loud and clear—full court press is on.

glc

From: Sturgess Jamie [mailto:jsturgess@augustaresource.com]  
Sent: Tuesday, August 04, 2009 10:25 AM  
To: Beverley A Everson; Reta Laford  
Cc: Gordon Cheniae; Kathy Arnold; Brian Lindenlaub; Buck Andrews  
Subject: Agenda Items for CNF/Rosemont NEPA Meeting august 6 2009

4 August 2009

Bev:

Please include these four agenda items for our discussion this week:

Financial and Progress review of Rosemont NEPA process (The process audit scheduled for August 10-14)  
Technical documentation for the project record in hard copy and PDF files.  
problems with HTML or any other conversions or translations of technical documentation  
Protection of the project record  
Schedule for finalization of scoping reports, purpose and need statement, proposed action, issues report,  
Rosemont input related to ID Team recommendation of alternatives for consideration in the EIS.

Please accept my request for the agenda to include these items in the listed agenda.

Best regards,

Jamie Sturgess  
Rosemont Copper

----- End of Forwarded Message

# Monthly EIS Documentation Report

## Rosemont Copper Project EIS - 2009

|                                                                           | 2009 Budget | Percent 2009 Budget Expended | Estimated Percent Complete | MOU Deliverable Date | Date Delivered to CNF by SWCA |           |         | CNF Final Review & Acceptance |
|---------------------------------------------------------------------------|-------------|------------------------------|----------------------------|----------------------|-------------------------------|-----------|---------|-------------------------------|
|                                                                           |             |                              |                            |                      | 1st Draft                     | 2nd Draft | Final   |                               |
| <b>Task 1. Management of the NEPA Process</b>                             |             |                              |                            |                      |                               |           |         |                               |
| 1.1 Weekly Project Status Meetings                                        |             | 100%                         | 60%                        | NA                   |                               |           |         |                               |
| 1.2 Proponent Status Meetings                                             |             | 99%                          | 67%                        | NA                   |                               |           |         |                               |
| 1.3 Monthly Process Milestone Management                                  |             | 100%                         | 58%                        | NA                   |                               |           |         |                               |
| 1.4 Other Meetings                                                        |             | 100%                         | NA                         |                      |                               |           |         |                               |
| <b>Task 1 NTE</b>                                                         |             |                              |                            |                      |                               |           |         |                               |
| <b>Task 2. Cooperating Agency Process and Interdisciplinary Team Lead</b> |             |                              |                            |                      |                               |           |         |                               |
| 2.1 Cooperating Agency Liaison                                            |             | 38%                          | 38%                        |                      |                               |           |         |                               |
| 2.2 Review of EIS for Forest Plan Consistency                             |             | 0%                           | 0%                         |                      |                               |           |         |                               |
| <b>Task 2 NTE</b>                                                         |             |                              |                            |                      |                               |           |         |                               |
| <b>Task 3. Management of Administrative Record</b>                        |             |                              |                            |                      |                               |           |         |                               |
| 3.1 Quarterly compilation of AR                                           |             | 99%                          | Awaiting further direction |                      | 9-May                         |           |         |                               |
| 3.2 Response to FOIA Inquiries                                            |             | NA                           | NA                         | NA                   |                               |           |         |                               |
| <b>Task 3 NTE</b>                                                         |             |                              |                            |                      |                               |           |         |                               |
| <b>Task 4. Scoping Summary</b>                                            |             |                              |                            |                      |                               |           |         |                               |
| 4.1 Scoping Process and Quantitative Results                              |             | 99%                          | 95%                        | Feb-09               | Jun-09                        | Jun-09    | Jul.-09 | Jul.-09                       |
| 4.2 Content Analysis and Thematic Grouping of Issues                      |             | 99%                          | 95%                        | Feb-09               | Jun-09                        | Jun-09    | Jul.-09 | Jul.-09                       |
| 4.3 Issue Statements and Issues to be Analyzed in Detail                  |             | 99%                          | 85%                        | Feb-09               | Apr.-09                       | Jun-09    | Jul.-09 | Aug. 09                       |
| <b>Task 4 NTE</b>                                                         |             |                              |                            |                      |                               |           |         |                               |
| <b>Task 5. Detailed Technical Reports to Address Significant Issues</b>   |             |                              |                            |                      |                               |           |         |                               |
| 5.1 Issue 1 Water Resources                                               |             | 57%                          | 40%                        |                      |                               |           |         |                               |
| 5.2 Issue 2. Visual Resources                                             |             | 50%                          | 35%                        | NA                   |                               |           |         |                               |
| 5.3 Issue 6. Biological Resources                                         |             | 72%                          | 70%                        | NA                   | May-09                        | Jul.-09   |         |                               |
| 5.4 Issue 7. Cultural Resources (inc.Ethnohistory Report)                 |             | 81%                          | 75%                        | NA                   | Apr.2                         | NA        |         |                               |
| <b>Task 5 NTE</b>                                                         |             |                              |                            |                      |                               |           |         |                               |

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

# Monthly EIS Documentation Report

## Rosemont Copper Project EIS - 2009

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|--|-------------|------------------------------|----------------------------|----------------------|-------------------------------|-----------|-------|-------------------------------|
|  |             |                              |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |
|  |             |                              |                            |                      |                               |           |       |                               |

### TASK 6: EIS DOCUMENT

| <b>Task 6.1 Chapter 1 - Introduction and Purpose and Need</b> |  |             |             |               |         |         |        |  |
|---------------------------------------------------------------|--|-------------|-------------|---------------|---------|---------|--------|--|
| 6.1.1 Introduction                                            |  | 8%          | 50%         | NA            |         |         |        |  |
| 6.1.2 Document Organization                                   |  | 8%          | 50%         | NA            |         |         |        |  |
| 6.1.3 Project History and Background                          |  | 8%          | 60%         |               |         |         |        |  |
| <b>6.1.4 Purpose &amp; Need for Action</b>                    |  | <b>100%</b> | <b>100%</b> | <b>Oct-08</b> | -       | -       | Jan-09 |  |
| 6.1.5 Regulatory Framework and Authorizing Actions            |  | 8%          | 90%         | NA            |         |         |        |  |
| 6.1.6 Issues Raised During Scoping                            |  | 100%        | 90%         | NA            | Mar.-09 | Apr.-09 | 9-Jul  |  |
| 6.1.7 Interrelated Actions (Introduction & Past, Present,...) |  | 0%          | 0%          | NA            |         |         |        |  |
| Chapter 1 completed                                           |  | 11%         | 100%        | Apr-09        |         |         |        |  |
| <b>Task 6.1 NTE</b>                                           |  |             |             |               |         |         |        |  |

| <b>Task 6.2 Chapter 2 - Alternatives Development</b> |  |            |            |        |  |  |  |  |
|------------------------------------------------------|--|------------|------------|--------|--|--|--|--|
| 6.2.1 No Action Alternative                          |  | 60%        | 90%        |        |  |  |  |  |
| 6.2.2 Proposed Action                                |  | 100%       | 100%       | Oct-08 |  |  |  |  |
| 6.2.3 Alternative 3                                  |  | 76%        | 80%        | NA     |  |  |  |  |
| 6.2.4 Alternative 4                                  |  | 76%        | 80%        | NA     |  |  |  |  |
| 6.2.5 Alternatives Eliminated Alternatives           |  | 76%        | 85%        | NA     |  |  |  |  |
| Alternatives Analysis Completed                      |  | 76%        | 50%        | Mar-09 |  |  |  |  |
| <b>Task 6.2 NTE</b>                                  |  | <b>76%</b> | <b>80%</b> |        |  |  |  |  |

| <b>Task 6.3 Chapter 3 - Affected Environment</b> |  |     |     |        |  |  |  |  |
|--------------------------------------------------|--|-----|-----|--------|--|--|--|--|
| 6.3.1 Air Quality                                |  | 25% | 50% | Apr-09 |  |  |  |  |
| 6.3.2 Hydrology                                  |  | 25% | 25% |        |  |  |  |  |
| 6.3.3 Geology and Minerals                       |  | 25% | 30% | Apr-09 |  |  |  |  |
| 6.3.4 Soils & Reclamation                        |  | 25% | 25% | Apr-09 |  |  |  |  |
| 6.3.5 Biological Resources                       |  | 35% | 85% | Apr-09 |  |  |  |  |
| 6.3.6 Cultural Resources                         |  | 50% | 50% | Apr-09 |  |  |  |  |
| 6.3.7 Socioeconomics/EJ                          |  | 30% | 30% | Apr-09 |  |  |  |  |
| 6.3.8 Visual Resources                           |  | 50% | 50% | Apr-09 |  |  |  |  |
| 6.3.9 Transportation/Access                      |  | 25% | 25% | Apr-09 |  |  |  |  |
| 6.3.10 Recreation                                |  | 10% | 10% | Apr-09 |  |  |  |  |
| 6.3.11 Livestock and Grazing                     |  | 50% | 75% | Apr-09 |  |  |  |  |
| 6.3.12 Land Use and Wilderness                   |  | 5%  | 5%  | Apr-09 |  |  |  |  |
| 6.3.13 Noise                                     |  | 40% | 50% | Apr-09 |  |  |  |  |

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# Monthly EIS Documentation Report

## Rosemont Copper Project EIS - 2009

|                                 | 2009 Budget | Percent 2009 Budget Expended | Estimated Percent Complete | MOU Deliverable Date | Date Delivered to CNF by SWCA |           |       | CNF Final Review & Acceptance |
|---------------------------------|-------------|------------------------------|----------------------------|----------------------|-------------------------------|-----------|-------|-------------------------------|
|                                 |             |                              |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |
| 6.3.14 Lighting                 |             | 40%                          | 40%                        | Apr-09               |                               |           |       |                               |
| 6.3.15 Hazardous Materials      |             | 50%                          | 50%                        | Apr-09               |                               |           |       |                               |
| 6.3.16 Public Health and Safety |             | 50%                          | 50%                        | Apr-09               |                               |           |       |                               |
| Chapter 3 AE Completed          |             | 15%                          | 15%                        | Apr-09               |                               |           |       |                               |
| <b>Task 6.3 NTE</b>             |             | <b>18%</b>                   | <b>20%</b>                 |                      |                               |           |       |                               |

| <b>Task 6.4 Chapter 3- Environmental Consequences</b>      |  |     |     |        |  |  |  |  |
|------------------------------------------------------------|--|-----|-----|--------|--|--|--|--|
| 6.4.1 Air Quality                                          |  | 25% | 25% | Aug-09 |  |  |  |  |
| 6.4.2 Hydrology                                            |  |     |     |        |  |  |  |  |
| 6.4.3 Geology and Minerals                                 |  | 25% | 25% | Aug-09 |  |  |  |  |
| 6.4.4 Soils & Reclamation                                  |  | 25% | 25% | Aug-09 |  |  |  |  |
| 6.4.5 Biological Resources                                 |  | 10% | 10% | Aug-09 |  |  |  |  |
| 6.4.6 Cultural Resources                                   |  | 15% | 15% | Aug-09 |  |  |  |  |
| 6.4.7 Socioeconomics/EJ                                    |  | 30% | 30% | Aug-09 |  |  |  |  |
| 6.4.8 Visual Resources                                     |  | 15% | 15% | Aug-09 |  |  |  |  |
| 6.4.9 Transportation/Access                                |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.10 Recreation                                          |  | 10% | 10% | Aug-09 |  |  |  |  |
| 6.4.11 Livestock and Grazing                               |  | 5%  | 5%  | Aug-09 |  |  |  |  |
| 6.4.12 Land Use and Wilderness                             |  | 5%  | 5%  | Aug-09 |  |  |  |  |
| 6.4.13 Noise                                               |  | 10% | 10% | Aug-09 |  |  |  |  |
| 6.4.14 Lighting                                            |  | 0%  | 0%  | Aug-09 |  |  |  |  |
| 6.4.15 Hazardous Materials                                 |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.16 Public Health and Safety                            |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.17 Monitoring and Mitigation                           |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.18 Unavoidable Adverse Effects                         |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.19 Short-term use/Long-term Prod.                      |  | 20% | 20% | Aug-09 |  |  |  |  |
| 6.4.20 Irreversible/ Irrecoverable Commitment of Resources |  | 20% | 20% | Aug-09 |  |  |  |  |
| Chapter 3 EC Completed                                     |  | 17% | 25% | Sep-09 |  |  |  |  |
| <b>Task 6.4 NTE</b>                                        |  |     |     |        |  |  |  |  |

| <b>Task 6.5 Chapters 4-9 and Appendices</b> |  |            |            |        |  |  |  |  |
|---------------------------------------------|--|------------|------------|--------|--|--|--|--|
| Chapter 4. Consultation & Coordination      |  | 10%        | 10%        | Sep-09 |  |  |  |  |
| Chapter 5. List of Preparers                |  |            |            | Oct-09 |  |  |  |  |
| Chapter 6. References                       |  |            |            | NA     |  |  |  |  |
| Chapter 7. Acronyms and Abbreviations       |  | 20%        | 20%        | NA     |  |  |  |  |
| Chapter 8. Glossary                         |  | 90%        | 90%        | NA     |  |  |  |  |
| Chapter 9. Index                            |  |            |            | NA     |  |  |  |  |
| <b>Task 6.5 NTE</b>                         |  | <b>39%</b> | <b>40%</b> |        |  |  |  |  |

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

# Monthly EIS Documentation Report Rosemont Copper Project EIS - 2009

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|--|-------------|------------------------------|----------------------------|----------------------|-------------------------------|-----------|-------|-------------------------------|
|  |             |                              |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |
|  |             |                              |                            |                      |                               |           |       |                               |

| <b>Task 7. Compilation and Formatting of the DEIS</b> |  |    |    |        |  |  |  |  |
|-------------------------------------------------------|--|----|----|--------|--|--|--|--|
| 7.1 Administrative DEIS                               |  | 6% | 6% | Nov-09 |  |  |  |  |
| 7.2 Team Review of Admin. DEIS                        |  |    |    |        |  |  |  |  |
| 7.3 Development of the DEIS                           |  |    |    |        |  |  |  |  |
| <b>Task 7 NTE</b>                                     |  | 8% | 6% |        |  |  |  |  |
| <b>Total 2009 NTE</b>                                 |  |    |    |        |  |  |  |  |
|                                                       |  |    |    |        |  |  |  |  |

| <b>Task 8: CNF Out-of-Scope Requests</b> | 2009 Budget | Percent 2009 Budget | Estimated Percent Complete | MOU Deliverable Date | Date Delivered to CNF by SWCA |           |       | CNF Final Review & Acceptance |
|------------------------------------------|-------------|---------------------|----------------------------|----------------------|-------------------------------|-----------|-------|-------------------------------|
|                                          |             |                     |                            |                      | 1st Draft                     | 2nd Draft | Final |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
|                                          |             |                     |                            |                      |                               |           |       |                               |
| <b>Task 8 Cumulative Cost</b>            |             |                     |                            |                      |                               |           |       |                               |

NOTE: NEPA is an iterative process and tasks may need to be re-visited due to collaboration with outside agencies, public and other unknown variables.

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Aug 04 2009 19:43:40 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "melissa reichard" <mreichard@swca.com>  
**Subject:** Copy of Monthly Tracking Sheet process rev\_063009\_TF.xls  
**Attachments:** Copy of Monthly Tracking Sheet process rev\_063009\_TF.xls

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached is the monthly tracking sheet for your review. My apologies, but it still needs minor formatting and Charles needs to update the information on Chapter 3. I'll get you the revisions as soon as possible.

Tom - Copy of Monthly Tracking Sheet process rev\_063009\_TF.xls

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed Aug 05 2009 21:24:26 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: List of Reports Submitted by Rosemont Copper Co.  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/05/2009 06:24 PM -----

Melissa Reichard <mreichard@swca.com>  
Sent by: rosemonteis <notify@weboffice.com>  
07/22/2009 08:15 AM

To  
rgerhart@fs.fed.us, sldavis@fs.fed.us, awcampbell@fs.fed.us, sgriset@swca.com, tfurgason@swca.com, rbowers@swca.com, gmckay@fs.fed.us, mjfitch@fs.fed.us, tciapusci@fs.fed.us, mrobertson@swca.com, beverson@fs.fed.us, jable@fs.fed.us, kbrown03@fs.fed.us, wgillespie@fs.fed.us, jhesse@swca.com, klgraves@fs.fed.us, aelek@fs.fed.us, treeder@swca.com, jhider@swca.com, hschewel@fs.fed.us, ccoyle@swca.com, jderby@fs.fed.us, mfarrell@fs.fed.us, khouser@swca.com, wkeyes@fs.fed.us, mthrash@swca.com, sshafiqullah@fs.fed.us, temmett@fs.fed.us, gsoroka@swca.com, tklarson@swca.com, ecuriel@fs.fed.us, ljones02@fs.fed.us, devinquintana@fs.fed.us, rmraley@fs.fed.us, mbidwell@swca.com, rellis@swca.com, jconnell@swca.com, ccleblanc@fs.fed.us, dkeane@swca.com, mroth@fs.fed.us, daleortmanpe@live.com, kellett@fs.fed.us, lcgarrrett77@msn.com, bschneid@email.arizona.edu, rlaford@fs.fed.us, rlefevre@fs.fed.us, abelauskas@fs.fed.us, kkertell@swca.com, dkriegel@fs.fed.us, mreichard@swca.com, bgaddis@swca.com, kserrato@swca.com, dsebesta@fs.fed.us, cbellavia@swca.com

cc  
Melissa Reichard <mreichard@swca.com>  
Subject  
List of Reports Submitted by Rosemont Copper Co.

There were some errors in the link that Tom provided. Please use this to look at the list of reports submitted by Rosemont.  
Thanks!

Fw: List of Reports Submitted by Rosemont Copper Co.

<<https://rosemonteis.webexone.com/r.asp?a=5&id=150661>>

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Tue Jul 28 2009 14:18:14 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** debby kriegel/r3/usdafs@fsnotes  
**Subject:** Rosemont - Recreation Analysis  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I would like to request the following from SWCA:

1. A scope of work for completion of the recreation analysis (from Steve Leslie)
2. Approval for Steve to visit the project area once prior to completion of the draft EIS

Thanks.

Debby

**From:** johnable23@gmail.com  
**Sent:** Thu Aug 06 2009 14:45:15 EDT  
**To:** tom furgason <tfurgason@swca.com>; melissa reichard <mreichard@swca.com>  
**CC:** beverley a everson <beverson@fs.fed.us>; reta laford <rlaford@fs.fed.us>; mroth@fs.fed.us; teresa ciapusci <tciapusci@fs.fed.us>  
**Subject:** Re: List of Reports Submitted by Rosemont Copper Co.  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Tom and Melissa, I know we are placing some of these tech reports on the Webex site, but downloads from that site are slow, especially for such large docs. I'm wondering if we could provide IDT members and CA reps with a DVD of all 81 reports? As you know, CA reps do not have access to Webex, nor are there any plans to give them access.

While we are placing these tech reports in searchable/accessible html format on the RosemontEIS.us site, that process will take time. In the meantime, if I can get a DVD of the current 81 reports, I will make copies and distribute internally. I will also continuously update the master DVD to ensure we have current versions and any additional reports. In addition, I will be happy to help with any administrative effort to ensure we have the current versions available for all internals.

Please let me know if you can provide all 81 tech reports on a DVD.

Thanks!

John A. Able, Information Steward  
Transparency, Collaboration, Knowledge  
Coronado National Forest  
Text or Voice: 520-405-4256

On Tue, Jul 21, 2009 at 2:20 PM, Tom Furgason <tfurgason@swca.com> wrote:

All-

Kathy Arnold sent us a list of 81 technical reports that have been submitted to the Forest Service in support of the proposed Rosemont Copper Project (<https://rosemonteis.webexone.com/r.asp?a=5&id=150661>) . SWCA is looking at this list to ensure that we have all of these reports in the Admin Record. We'll also review our records to see if we have any reports that are not included on this list. Please take a few minutes to review this document and identify any reports that pertain to your area of expertise.

It is my understanding that Bev should have two hard copies of each report. Alternatively, many of these reports are posted in WebEx; however, there may be a few instances where we did not receive electronic copies or they have not been posted. SWCA will either post copies or contact Rosemont and request electronic copies. We'll discuss the file structure and use of WebEx at the next extended ITD meeting. For SWCA employees, please contact Melissa or me if you have any difficulties locating any of these reports.

Tom Furgason

Re: List of Reports Submitted by Rosemont Copper Co.

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Jul 28 2009 17:48:04 EDT  
**To:** blindenlaub@westlandresources.com  
**CC:**  
**Subject:** Fw: Confirming: Rosemont Mine consultation meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Brian - here's the info on the FWS meeting time and location. Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 07/28/2009 02:46 PM -----

Richard A Gerhart/R3/USDAFS  
07/20/2009 02:36 PM

To  
Sherry\_Barrett@fws.gov, jason\_douglas@fws.gov, Larry Jones/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, JWindes@azgfd.gov, kkertell@swca.com, tfurgason@swca.com, jsturgess@augustaresource.com  
cc  
Beverley A Everson/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES, Jeanine Derby/R3/USDAFS@FSNOTES, Reta Laford/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES  
Subject  
Confirming: Rosemont Mine consultation meeting

This is to confirm that we have identified a date and time for the discussion on consultation. That date and time is August 5, 2009 at 9 AM. We will meet at the USFWS conference room (201 N. Bonita, Suite 141, Tucson).

In no particular order, here are topics that we might want to discuss.

Define the action area (analysis boundary) for the project.

Identify species included in the analysis.

Develop potential conservation measures to be included in the proposed action.

Discuss a timeline for consultation (this is dependant on the development and refinement of a proposed

action and alternatives).

If there are other issues items we need to discuss, please send them to me and I will get them on an agenda.

SWCA has been working on a draft biological assessment. Ken, would this be available to share during or prior to the meeting?

Finally, it has been suggested that we bring in other Federal agencies and cooperating agencies for this meeting, but I believe it would be better to keep it small and focused initially. It may be appropriate to discuss how to proceed with cooperators at this first meeting. That said, if I inadvertently left someone out of this mailing who should be at the table, please forward this to them.

Rick

Richard A. Gerhart  
Wildlife, Fish and Rare Plants Program Manager  
Coronado National Forest  
300 West Congress  
Tucson AZ 85701  
(520) 388-8374  
rgerhart@fs.fed.us

**From:** christopher c leblanc/r3/usdafs;nsf;cclleblanc@fs.fed.us;smtp  
**Sent:** Tue Jul 28 2009 19:15:21 EDT  
**To:** "jerome hesse" <jhesse@swca.com>  
**CC:** william b gillespie/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**Subject:** GIS data request (shapefiles of sites and surveyed areas)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Jerome,

Hope all is well. Bev reminded me to send requests to you. This request is for shapefiles of the arch sites and surveyed areas.

Thanks,  
CC Le B

Christopher C. LeBlanc, Archaeologist  
Tribal Relations Team  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8396  
(520) 388-8305 (fax)  
cclleblanc@fs.fed.us

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Thu Aug 06 2009 15:51:18 EDT  
**To:** "john able" <jable@fs.fed.us>; "tom furgason" <tfurgason@swca.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; <mroth@fs.fed.us>; "teresa ciapusci" <tciapusci@fs.fed.us>  
**Subject:** RE: List of Reports Submitted by Rosemont Copper Co.  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

John-

We have uploaded a large number of documents to WebEx and they are as long to upload as to download, so I understand the frustration! The reports that were on Kathy Arnold's letter as being received are not all on WebEx as of yet. There are a small number that I still need to locate and/or confirm they were received at all. Once I am able to gather all of the reports to date, I would be happy to burn a DVD (likely to be more than one). I think your idea will be greatly appreciated by the CAs. With some help from Bev, I think I could have something completed by the 14th. If you need them before then, perhaps we could ask Rosemont for them.

Thanks and good thinking!

Melissa

"Science is organized knowledge. Wisdom is organized life." -Immanuel Kant

From: johnable23@gmail.com [mailto:johnable23@gmail.com] On Behalf Of John Able  
Sent: Thursday, August 06, 2009 11:45 AM  
To: Tom Furgason; Melissa Reichard  
Cc: Beverley A Everson; Reta Laford; mroth@fs.fed.us; Teresa Ciapusci  
Subject: Re: List of Reports Submitted by Rosemont Copper Co.

Tom and Melissa, I know we are placing some of these tech reports on the Webex site, but downloads from that site are slow, especially for such large docs. I'm wondering if we could provide IDT members and CA reps with a DVD of all 81 reports? As you know, CA reps do not have access to Webex, nor are there any plans to give them access.

While we are placing these tech reports in searchable/accessible html format on the RosemontEIS.us site, that process will take time. In the meantime, if I can get a DVD of the current 81 reports, I will make copies and distribute internally. I will also continuously update the master DVD to ensure we have current versions and any additional reports. In addition, I will be happy to help with any administrative effort to

ensure we have the current versions available for all internals.

Please let me know if you can provide all 81 tech reports on a DVD.

Thanks!

John A. Able, Information Steward  
Transparency, Collaboration, Knowledge  
CoronadoNational Forest  
Text or Voice: 520-405-4256

On Tue, Jul 21, 2009 at 2:20 PM, Tom Furgason<tfurgason@swca.com> wrote:

All-

Kathy Arnold sent us a list of 81 technical reports that have been submitted to the Forest Service in support of the proposed Rosemont Copper Project (<https://rosemonteis.webexone.com/r.asp?a=5&id=150661>) . SWCA is looking at this list to ensure that we have all of these reports in the Admin Record. We'll also review our records to see if we have any reports that are not included on this list. Please take a few minutes to review this document and identify any reports that pertain to your area of expertise.

It is my understanding that Bev should have two hard copies of each report. Alternatively, many of these reports are posted in WebEx; however, there may be a few instances where we did not receive electronic copies or they have not been posted. SWCA will either post copies or contact Rosemont and request electronic copies. We'll discuss the file structure and use of WebEx at the next extended ITD meeting. For SWCA employees, please contact Melissa or me if you have any difficulties locating any of these reports.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Thu Aug 06 2009 12:58:29 EDT  
**To:** tfurgason@swca.com;ccoyle@swca.com;jdmacivor@frontiernet.net  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** Rosemont Issue statements  
**Attachments:** 07302009\_ final\_issue\_statements.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here is the latest version of Issue Statements. Bev asked me to send them again.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** "ken kertell" <kkertell@swca.com>  
**Sent:** Mon Aug 24 2009 11:47:11 EDT  
**To:** "larry jones" <ljones02@fs.fed.us>; "tom furgason" <tfurgason@swca.com>  
**CC:** "richard a gerhart" <rgerhart@fs.fed.us>; "deborah k sebesta" <dsebesta@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**Subject:** RE: rosemont BA and Specialist's Report  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Larry:

Let me know when you're ready to review the bio parts as I've updated that portion to include northern Mexican gartersnake.

Ken

From: Larry Jones [mailto:ljones02@fs.fed.us]  
Sent: Thursday, August 20, 2009 2:56 PM  
To: Ken Kertell; Tom Furgason  
Cc: Richard A Gerhart; Deborah K Sebesta; Beverley A Everson  
Subject: rosemont BA and Specialist's Report

Ken and Tom--

I'm going ahead and attaching what I reviewed so far on the Draft BA (the non-bio parts). Rick and Debbie can probably give you a better idea of their timeline about their review. I'll be gone for nearly a couple weeks (or mostly out of touch), so I don't need to hold it captive. When I get back I can work on the biology parts of the document. I sent the Draft BA to our contact in our regional office and asked her if the format and headings looked good, and she says they do.

I was talking to Tom today a little bit about the Specialists' Report. That would be a good first product, at it doesn't need to await other things like alternative development and mitigation. I don't know of any template for this report--it just seems to be a document that will be useful for us in laying out what the situation is in the affected environment. So, I would say just go with the affected environment as being the big hole in the ground and waste rock and tailings piles, etc. that fit inside the basic footprint. That much we know pretty well. I would use the document to highlight the species that should be discussed in follow-up reports, and show which of these species are likely to be ones that need our attention. So, below are things to discuss in the Specialist's Report.

--affected environment description, including the footprint, buffer zone, associated actions, downstream effect areas

-- general effects to wildlife and wildlife habitat...important to include Rosemont Talussnail--this may be the only official doc where this critter is addressed. The tie here is that when we wrote the Forest Plan, we were guided by the 1982 planning rule which had verbiage about maintaining viable populations of all species well-represented across the Forest (i.e., the planning rule directives were directing the National Forest Management Act of 1976)...anyway, that's my take where the snail fits it...it is a local endemic, recognized as valid in the ITIS database (or mandatory standard) and there are environmental concerns, so we had best address it somewhere.

--T and E species for a BA (use the entire website list and highlight those that would need to be addressed and why

- Regional Forester's Sensitive Species (do you have this list?)
- Management Indicator Species (per our Forest Plan...do you have that list? Refer to the Forest-wide MIS report)
- Migratory birds (as defined in the act)
- And look over my comments in the attachment to help guide you with some of the recurring themes

Stuff like that. Debbie, Rick, and I can probably help with this...but I think the bottom line is that this document should set the stage as to how we plan to address which plants and animals, especially in the other reports.

Thanks!

Larry Jones  
Wildlife, Fish, and Rare Plants  
Coronado National Forest  
300 W Congress  
Tucson, AZ 85701

520-388-8375  
ljones02@fs.fed.us

Reminder that tomorrow's IDT meeting is in 4B - this is the case for all second Wednesday of the month (extended team) meetings. See you at 9:00.

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Aug 11 2009 19:58:27 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** abelauskas@fs.fed.us;aelek@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jable@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;ljonas02@fs.fed.us;mary m farrell/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;rlfevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@fs.fed.us;walter keyes/r3/usdafs@fsnotes;wgillespie@fs.fed.us  
**Subject:** Reminder that tomorrow's IDT meeting is in 4B - this is the case for all second Wednesday of the month (extended team) meetings. See you at 9:00.  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri Jan 11 2008 11:22:17 EST  
**To:** "andrea w campbell" <awcampbell@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>  
**Subject:** RE: Draft of Rosemont/FS MOU  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks Andrea. We'll review this and get back to you early next week.

Tom

-----Original Message-----

From: Andrea W Campbell [mailto:awcampbell@fs.fed.us]  
Sent: Thursday, January 10, 2008 3:26 PM  
To: Tom Furgason  
Subject: Draft of Rosemont/FS MOU

for you to copy and distribute in your meeting today.

hasn't been proofread yet, i just finished putting into the required FS format.

a

Andrea Wargo Campbell  
Coronado National Forest  
NEPA Coordinator and FOIA Officer  
300 West Congress Street  
Tucson, AZ 85701  
520 388 8352  
520 237 0694  
awcampbell@fs.fed.us  
(See attached file: Rosemont FS MOU andrea 1-10.rtf.doc)

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed Mar 05 2008 15:58:45 EST  
**To:** blindenlaub@westlandresources.com;karnold@augustaresource.com  
**CC:**  
**Subject:** request for documents  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Brian, please see Tom Furgason's request, below. Please keep me in the loop in your response. Thanks.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 03/05/2008 01:50 PM -----

"Tom Furgason" <tfurgason@swca.com>  
03/04/2008 07:20 PM

To  
"Beverley A Everson" <beverson@fs.fed.us>  
cc  
"Melissa Reichard" <mreichard@swca.com>  
Subject  
RE: Photos

Bev,

It would also be useful if Westland submitted all of the map work in GIS format. We only need to create three maps, but we'll need to pull data from several maps. Also, we'll potentially need all of the maps as part of the NEPA analysis. Can you please ask Brian if Westland could put all of the GIS data on the SWCA ftp site?

Thanks.

Tom

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tue 3/4/2008 1:30 PM

To: Tom Furgason  
Subject: Re: Photos

Please give me your specific request, and who at Strongpoint you're directing it to, and I'll forward it to the contact there. Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Tom Furgason"  
<tfurgason@swca.com> To  
"Beverley A Everson"  
03/04/2008 01:10 <beverson@fs.fed.us>  
PM cc

Subject  
Photos

Bev,

We would like to use some photos for the scoping boards. Can I request some photos from Strongpoint? Thanks.

Tom

**From:** mary farrell <maryfarrellusfs@gmail.com>  
**Sent:** Fri Aug 14 2009 10:53:35 EDT  
**To:** beverley a everson <beverson@fs.fed.us>  
abelauskas@fs.fed.us;aelek@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jable@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;klgraves@fs.fed.us;ljones02@fs.fed.us;mfarrell@fs.fed.us;melissa  
**CC:** reichard <mreichard@swca.com>;rlaford@fs.fed.us;rlfevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;tciapusci@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;wgillespie@fs.fed.us;walter keyes  
<wkeyes@fs.fed.us>;ccoyle@swca.com  
**Subject:** Re: Fw: Issue Statements  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

thanks Bev & Mindee -- I like Bev's suggestions for night skies, and our changes regarding heritage and tribal issues are incorporated. One little thing: several of our issue statements use the phrase "siting of..." facilities. Would it be better to use another word, e.g. construction? I'm not sure how engineers interpret siting, but to me it's just staking something out, and that wouldn't really capture the ground disturbance associated with construction.

Then one big thing: as Debby K has pointed out, our politically correct and administratively appropriate issue statement for Visual Resources don't seem to adequately capture the public's energy and passion for this issue. Could we keep our own objectivity but acknowledge the fervor somehow? It was easier to do this for tribal issues, partly because they were unanimous and partly because their legal status gives their statements added weight-- we know we can't dismiss tribes by ignoring what they've said or dismissing it as being just opinion or superstition. And I realize the general public and organizations don't have the same rights, and that it'd be terribly unwieldy and biased to say something like "The Save the Scenic Santa Ritas organization says that the destruction of the scenery will have severe impacts on tourism and the economy."

Still, I think our issue statements would be more accurate if we could figure out how to pump up visual resources!

Mary

On Thu, Aug 13, 2009 at 5:01 PM, Beverley A Everson <beverson@fs.fed.us> wrote:

I have a couple of suggestions in rereading the statements, 1) under Night Skies, bullet 1, I suggest "reduced visibility of stars, planets and other celestial bodies, and satellites" (the other celestial bodies would include things like asteroids and meteorites), and 2) under Noise and Vibration, "decreased opportunities for solitude, quiet, and other enjoyment of the natural environment for area recreationists, residents, and visitors"

Team, please weigh in, responding to both Mindee and me.

Thank you!

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/13/2009 04:49 PM -----

Melinda D Roth/R3/USDAFS

08/13/2009 04:15 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc

Subject  
Issue Statements

I think all comments from Wednesday's IDT meeting are incorporated in this attached version. As I read through it one last time, I found some additional questions or suggestions, which I coded in red text. I also added a brief introduction. After talking to Reta, I took the liberty of reordering the issues to put the drivers up front and I dropped Reclamation Plan as an issue. I hope you're comfortable in forwarding this on to the IDT for final comment. Let me know if you have question, concerns, or other ideas about how to "finalize" this product.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** mary m farrell/r3/usdafs.nsf:mfarrell@fs.fed.us:smt  
**Sent:** Fri Aug 14 2009 18:48:46 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** abelauskas@fs.fed.us; aelek@fs.fed.us; beverley a everson/r3/usdafs@fsnotes;ccoyle@swca.com;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jable@fs.fed.us;kbrown03@fs.fed.us;kellet@fs.fed.us;lJones02@fs.fed.us;mreichard@swca.com;rlefevre@fs.fed.us;slDavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;wgillespie@fs.fed.us;wkeyes@fs.fed.us  
**Subject:** Re: Fw: Aug 20 Coop Agency Mtg  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

sounds like a good idea, and I'd be available the 20th.

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

Beverley A Everson/R3/USDAFS  
08/13/2009 03:01 PM

To  
abelauskas@fs.fed.us, aelek@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, jable@fs.fed.us, kbrown03@fs.fed.us, kellet@fs.fed.us, lJones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, rlefevre@fs.fed.us, slDavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, wgillespie@fs.fed.us, wkeyes@fs.fed.us  
cc  
Beverley A Everson/R3/USDAFS@FSNOTES, ccoyle@swca.com, mreichard@swca.com, tfurgason@swca.com  
Subject  
Fw: Aug 20 Coop Agency Mtg

Please read Mindee's message below, concerning the team's participation in the next Cooperating Agency meeting. What do you think of this idea, and if you're in favor of it, would you be willing to participate? FYI, discussions among the biologists would be encouraged, as would all other discussions about the project, however, that would not be the emphasis of the meeting (a biology meeting on August 20th had been discussed previously, and that's why Mindee brings it up; it had not gone to the planning stage yet, and that's why you're hearing about it for the first time, and have not previously been asked if you could participate).

I look forward to getting your input.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 08/13/2009 02:21 PM -----

Melinda D Roth/R3/USDAFS  
08/13/2009 02:02 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
Teresa Ann Ciapusci/R3/USDAFS@FSNOTES  
Subject  
Aug 20 Coop Agency Mtg

In an effort to address the IDT concerns raised yesterday regarding interfacing with the Cooperating Agencies, TA and I had an idea. Teresa Ann plans to allow time at this month's Coop Agency meeting to ask additional questions about the alternatives, since comments are requested by Aug 28th. The thought is to set up displays after lunch, one for each of the 4 action alternatives, staff each station with one or 2 IDT members, and allow Coops to mill around, similar to an open house, and ask questions of the IDT about the alternatives. (The discussion on biology would be put off since Alternatives is a more timely point of discussion right now) Of course, this would require getting materials together and also getting that info to the webmaster and project record keeper. What do you think?

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Sep 01 2009 19:41:24 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
abelauskas@fs.fed.us;aelek@fs.fed.us;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jable@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;ljohnes02@fs.fed.us;mary  
**CC:** m farrell/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;rlfevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;wgillespie@fs.fed.us  
**Subject:** Sept. 2 Core IDT Meeting, change in agenda  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Tomorrow's meeting will be focusing on alternative refinement, rather than the items I mentioned in my last email to you. The reasons for the change are as follows:

SWCA had stated that they would have a list of Units of Measure prepared for the meeting, but the list has not been completed.

After spending two days in and around the project area recently (August 21 and 22, on a field trip with Mountain Empire Action Alliance), Debby Kriegel has new concerns with visual impacts with the Sycamore Canyon Alternative, and would like to look at revising that alternative to address her concerns.

Rosemont Copper Company is objecting to placement of waste rock on mineralized ground on their private land north of the proposed pit area with the Sycamore Alternative and the Schofield Mcleary Alternative. The company's concerns are valid, as these mineralized areas could at some point (depending on future metals prices and technology) become viable ore deposits. We need to look at revising the alternatives so that there is no disposal on the patented claims.

I had intended to talk about the project schedule and work obligations for 2010, but we are behind in the schedule, and are going to be formally revising it. This won't change the number of days you'll be working on the project in the coming year, but when, in the course of the year, you'll be working on the different parts of the analysis. I had intended to share a Gantt chart with you tomorrow, but it won't be completed until the project schedule is changed.

See you at 9:00 in 6V6.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Sun Mar 09 2008 19:32:37 EDT  
**To:** <karnold@augustaresource.com>  
**CC:** "mary rowley" <mary@strongpointpr.com>; "beverley a everson" <beverson@fs.fed.us>  
**Subject:** RE: Rosemont EIS  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Kathy,

Thank you for your response. I have forwarded this to our graphic designer for her use. Do you know if any of the photos have been manipulated in any way? Thanks again.

Tom

From: Kathy Arnold [mailto:karnold@augustaresource.com]  
Sent: Fri 3/7/2008 2:12 PM  
To: Tom Furgason  
Cc: 'Mary Rowley'; 'Beverley A Everson'  
Subject: FW: Rosemont EIS

Tom –

I spoke to Bev today regarding the pictures you requested through her and wanted to fully respond to your call for pictures. I have assembled all of the photos that were taken of the site by Tetra Tech employees or professionals for portions of the Rosemont project and we would like to make these available to you. You can find electronic copies of those photos at the ftp site below:

ftp://209.12.31.170/

Username: Rosemont Copper\_EIS

Pass: Rc\_Eis

Please let me know if you need additional photos and we can try to comply. There are other items that we can make available for display that we plan to bring to the planning meeting next week and I would like to offer to have a set made for you if you and the Forest Service public relations people think that they would have some value. These items include things like: laminated maps from the reclamation plan, jars of tailings material at various moisture contents from 5% to 75%, aerial photos, etc.

If you have access trouble, let me know.

Cheers!  
Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@augustaresource.com

Rosemont Copper Company

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

From: Gonzales, Chris [mailto:Chris.Gonzales@tetrattech.com]

Sent: Friday, March 07, 2008 1:48 PM

To: karnold@augustaresource.com

Subject: Rosemont EIS

Kathy,

I have set up an ftp site for the EIS project. The log in information is located below:

Please let me know if you have any problems logging in. Thanks

Chris Gonzales | CAD Designer

Direct: 520.297.7723 | Fax 520.297.7724

Email: [chris.gonzales@tetrattech.com](mailto:chris.gonzales@tetrattech.com)

Tetra Tech

3031 West Ina Road | Tucson, AZ 85741 | [www.tetrattech.com](http://www.tetrattech.com)

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by

replying to this message and then delete it from your system.

RE: first specialists/ID team meeting

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Mar 13 2008 17:57:46 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "john macivor other" <jdmacivor@frontiernet.net>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: first specialists/ID team meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

The ID Team will be involved in the review of the comments. I'd suggest that SWCA meet with the IT Team and present our proposal for the methodology and database that we intend to use to categorize all of the comments. After the ID Team approves our approach, we'll categorize all comments and then meet with the ID Team with our preliminary results. From this, we'll develop a Scoping Report for the ID Team review and approval.

Ultimately, the level of ID Team review of comments will be up to them.

Tom

-----Original Message-----

**From:** Beverley A Everson [mailto:beverson@fs.fed.us]  
**Sent:** Thursday, March 13, 2008 2:44 PM  
**To:** Tom Furgason  
**Subject:** RE: first specialists/ID team meeting

Hi Tom,

Doesn't the ID Team need to be involved in review of the comments?  
That's  
what I was actually asking about.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Tom Furgason"

RE: first specialists/ID team meeting

<tfurgason@swca.c

om>

To

"Beverley A Everson"

03/12/2008 03:02 <beverson@fs.fed.us>

PM

CC

Subject

RE: first specialists/ID team

meeting

Hi Bev,

I will take the lead on the assessment of scoping comments. Although, I'll directly supervise Harmony Hall to take on most of the heavy lifting.

Tom

-----Original Message-----

From: Beverley A Everson [mailto:beverson@fs.fed.us]

Sent: Wednesday, March 12, 2008 9:48 AM

To: Tom Furgason

Subject: first specialists/ID team meeting

Hi Tom,

Sorry for the onslaught of emails, but I am trying to address everything that came up in the meeting yesterday, and the discussions I had with Jeanine after the meeting.

One thing she asked me to pass on to you is to think about who you will want from your ID team and the Forest's, to meet to discuss the

assessment  
of scoping (once we get to that point), and when that meeting should  
occur.

I will be completing the PIL today or tomorrow, so I can tell you  
exactly  
who will be on the Forest team once that letter is done.

I realize this meeting will likely be several weeks out, but keep it in  
mind.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

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**OVERALL APPROACH**

**Where we've been:** Our large IDT approach has ensured a thorough and comprehensive consideration of public comments and exploration of potential issues and alternatives.

**Where to go:** I believe we are now to a point in the process where we need to designate a smaller group of individuals to focus on specific tasks and coordination to ensure a timely development of the DEIS. Below is a potential multi-part realignment to that end:

1. Mindee be assigned the responsibility and accountability for project coordination and execution.
2. A handful of passionate staff be designated to work on the project near full-time for the next two months, with the objective of producing a DEIS. These hand-selected individuals would be given specific tasks to accomplish, both within and outside of their areas of expertise. Tasks would vary as needed. Tasks could potentially include items such as: co-authoring products with SWCA; conducting individual and interdisciplinary product review; facilitating the filling of data gaps; providing documentation necessary for the record; consolidating information from external sources; etc.

**FS action:** Identify passionate staff, define roles, responsibilities, and time commitments.

**SWCA action:** Same as FS above.

3. Bev be re-prioritized to participate as part of the aforementioned hand-picked staff, while retaining IDT Leadership. Additional tasks could include various items such as: coordinating clarification of Rosemont's water permits and recharge; coordinating clarification to questions about claims; coordinating clarification on the Agency's bonding process, coordinating clarification of land ownership matters (e.g., disposition of private land under the waste rock and tailings pile), compilation of monitoring elements, etc.
4. Andrea be assigned to the pre-RO review of draft Chapter 3 materials.

**\*\*\* NEED DRAFT MOU / COLLECTION AGREEMENT CHANGES FOR MONDAY, SEPT 28<sup>th</sup> \*\*\***

**MOU / COLLECTION AGREEMENT CHANGES**

Anything new noted in the above, such as HTMLs, GIS shape files.

Schedule revision.

Review/revise ITD and SWCA counterparts

Anything not previously covered such as meeting costs (facility rental, products, court reporter...)

Provide clearer direction regarding the use of SWCA's sub consultants. (C 6).

Include language about other decision makers (BLM and COE) (C 7)???

Identify as draft for Monday, Sept. 28<sup>th</sup>.

Consider following word/language changes:

Revise Purpose to articulate not only the selection of the Prime Consultant but also the responsibilities of the FS, Proponent, and Prime Consultant. Furthermore, the Purpose should include discussion of the establishment of communication protocols between the three parties and other agencies.

D 1. Current language is out of date

D 2. FS assistance preparing contract.

D 4. Strike "will" from sentence.

D 6 (e) Change wording to match prior bullets (e.g., strike "prior" add review). Consider combining bullets b and e.

D 6 Include bullet addressing FS making substantial changes to staffing allocation to the project as it pertains to additional cost or schedule.

D 11 Replace first sentence with "Ensure that adequate information is provided for the regulatory and stylistic framework of the EIS."

D 12 Replace entirely with "Ensure that pertinent information and data from the FS and other outside sources is provided to the Prime Consultant for use in the analysis of potential impacts."

D 20 Sarah should validate that this direction is correct.

D 21 Is the FS required to bear the responsibility for cost and preparation of the ROD?

E 5 Incorporate specifications listed in Attachment X of Modification 2.

E 7 Insert "final" before "technical"; add to the end of the sentence "in a timeframe to allow for the completion of the EIS on schedule." And "Information will be submitted in a format requested by the FS. All reports will be

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provided in paper (four copies each) and electronic copies. Electronic copies will be submitted on compact disks, or DVDs, in .pdf *and* HTML formats. Geographical Information System (GIS) data will be submitted as shape files that are compatible with Esri's ArcMap.

E 8 Review contract between the Company and SWCA.

E 9 add "...in a timely fashion." To the end of the sentence.

E 14 Include costs for paper and electronic media (including, but not limited to compact disks, DVDs, web-based, and HTML)

E X Bear the cost of all methods the FS uses to notify the public of the availability of the DEIS and FEIS. This may include, but is not limited to, direct mailings, paid advertisements, public meetings, etc.

E X At the request of the FS, arrange for and bear the cost of "Technical Transfer Meetings" between FS Specialists, Prime Consultant (and when appropriate their subconsultants), and the Company's Specialists and technical consulting team. These meetings may include Cooperating Agencies. These meetings will be an opportunity to provide an interim review by the FS, Cooperating Agencies, and the Prime Consultant to review and evaluate progress on a variety of technical analyses, validate the processes, and provide the opportunity for dialogue between all parties.

F 6 Include language that clarifies that all data, etc. relevant to the decision to be made will be included in AR.

F 12. Who should be the FS Principal Contact?

#### Attachment 1

##### I. Responsibilities

First sentence include at the beginning " At the request of the Forest Service...)

3. Revise completely. "Distribute DEIS, FEIS, ROD, and any supplemental information, and all notices announcing public participation opportunities."

5. Change "Indian tribes" to "Tribal Governments".

9. Strike entirely.

Last paragraph. Change "resources" to "resource"

Include new item: FS may invite, as deemed necessary, Cooperating Agencies and other Consulting Parties to participate during meetings.

A 2. Revise first sentence to " Prepare a checklist of all environmental requirements per Federal, state, and local agencies..."

**\*\*\* NEED DRAFT TASKS AND SCHEDULE FOR MONDAY, SEPT 28<sup>th</sup> \*\*\***

*All due dates assume by COB (MST) unless otherwise noted.*

### **SCOPING REPORT 3**

FS Action: Complete review of SR3. (Reta) Due 9/28/09 at 8:00 am.

SWCA: Make revisions to date based on 9/24/09 meeting. (Melissa) Due 9/28/09 at 8:00 am.

FS and SWCA: Finalize Draft SR3. (Bev, Mindee, Melissa, Reta) Due 9/29/09.

SWCA: Technical edit and formatting of SR3. 10/02/09 at 8:00 am. Post to WebEx in .doc and .pdf formats.

FS: Submit SR3 to Region for review. (Reta) 10/02/09 by 9:00 am.

FS: Region review of SR3. Provide input to CNF (Jeanine, Reta, Kent, Bev, and Mindee) on 10/08/09 in Tucson, AZ or via video conference. **Note: Requires Bev to ensure Line Officers listed will attend the meeting with Region and will schedule time to cover this topic.**

FS and SWCA: If necessary, revise SR3 per Region input. Submit to the Line Officer to approve Issues. Due 10/14/09

FS: Distributes SR3 to Cooperating Agencies at the 10/15/09 meeting. (Teresa Ann)

FS: Line Officer responds to Issues. Due 10/16/09.

SWCA: Incorporate any modifications to Issues into SR3. Post to WebEx by 10/18/09.

FS: Post SR3 to internet. (Barbara) Due 10/20/09.

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**CHAPTER 1**

**FS Action:** Purpose and Need – Dust off/Review/Finalize text using Federal Register Notice w/previously discussed clarification about rights of mining claimant, etc. Add acknowledgement of public misunderstanding and cooperating agency input, with restatement of Forest position. (Reta) Due 10/16/09.

**FS Action:** Decision Framework – Text done for FS. Need COE and BLM review of revised paragraphs regarding their decisions to be made. (Reta/TA) Due 10/16/09.

**FS Action:** Proposed Action Summary – Finalize using essentially previous materials such as Federal Register Notice and public meeting items. (Reta) Due 10/16/09.

**SWCA Deliverable:** Revised Vicinity Map based on FS input. Due 10/12/09

*(Note – See Chapter 3 section for expectations related to maps.)*

**FS Action:** Submit entire Chapter for formal RO review, concurrent w/Proponent and Cooperating Agency review. (Mindee) Due 10/20/09.

**FS Action:** Region to review Chapter 1 and provide comments. Due 11/09/09

**FS Action:** Determine how to use received input.

**FS Action:** Revise text incorporating review items deemed appropriate. (Reta) Due 11/16/09

**SWCA Deliverable:** Final Chapter 1 formatted per FS DEIS template and final edit (for grammar, punctuation, etc.). Due 11/19/09.

**FS Action:** Acceptance of the PDEIS version of Chapter 1. Due 11/25/09. (This means this chapter is accepted as ready by the FS to be sent to cooperating agencies with Chapter 2 for final review prior to publication.)

**CHAPTER 2**

Scoping Report 1 (DONE)

Scoping Report 2 (DONE)

Scoping Report 3 Due on 10/19/09 (Published)

**SWCA Deliverable:** Four electronic copies of coded comment materials, including attachments (May 29, 2009 submission). (Reta wants working copy set to read and mark up. Reta can share with other FS staff if needed to reduce the need for extra copies.). Due 9/28/09.

**FS Action:** Draft statement for IDT to sign acknowledging that they read coded comments. (Mindee) Due 10/13/09.

**FS Action:** IDT member sign statement that they read comments coded X, Y, Z for their areas of responsibilities. Due 10/19/09.

**FS Action:** IDT Leader sign statement that she read all comments. Due 10/19/09.

**FS Action:** FS/DFS sign statement that they read all comments. Due 10/19/09.

**SWCA Deliverable:** Listing of all letter attachments that consist of original input, as opposed to a copy of an existing publication. List elements should at a minimum identify: submittal date, submitter(s), name of each attachment, number of pages in each attachment, and nature of each attachment.

**SWCA Deliverable:** Verification that form letter attachments constituting original input were coded and appropriately considered (e.g., Jimmy Pepper et al comment letter attached to cover letter). Verification findings can be added to the aforementioned list.

**SWCA Deliverable:** If verification cannot be made that form letter attachments constituting original input were coded and appropriate considered, coding and disposition will be required.

**FS Action:** Review/Edit/Finalize or send back for Rework.

**SWCA Deliverable:** Recommendation on how each comment attachment that is not original, such as an attached publication, be addressed in the project. (Later will need to make sure there is follow through on the consideration.)

**FS Action:** Review/Edit/Finalize or send back for Rework.

Scoping Report 3 (PENDING...)

**FS/SWCA TBD:** Identification of Issues recommended as driving Alternatives and Units of Measures.

**FS/SWCA TBD:** Identification of Issues recommended as focusing Effects and Units of Measures.

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**FS/SWCA TBD:** Identification of Issues recommended as Address the Process. SWCA to provide rationale for each. FS to Review/Edit/Finalize or send back for Rework.

**FS/SWCA TBD:** Identification of Issues recommended as Out of Scope. SWCA to provide rationale for each. FS to Review/Edit/Finalize or send back for Rework.

**SWCA Deliverable:** Identification of Conceptual Alternatives recommended to be Considered in Detail.

**SWCA Deliverable:** Identification of recommended Features Common to All Action Alternatives. Include citation to source entity and document.

**SWCA Deliverable:** Identification of recommended Features Common to More than One Action Alternatives. Include citation to source entity and document.

**FS Action:** Review/Edit/Finalize or send back for Rework.

**SWCA Deliverable:** Identification of Alternatives and Alternative Elements recommended to be Considered but Dismissed from Detailed Study.

**SWCA Deliverable:** Comprehensive rationale for Dismissing an Alternative or Alternative Element from Detailed Study. Include citation to source entity and document.

**FS Action:** Review/Edit/Finalize or send back for Rework.

*(Note – See Chapter 3 section for expectations related to maps)*

**FS/SWCA Action:** Prepare for and provide informal presentation to RO staff on issue and alternative process.

**FS Action:** Submit entire Chapter for formal RO review, concurrent w/Proponent and Cooperating Agency review.

*(Note: Later NFMA consistency review will identify if an alternative needs to include Forest Plan Amendment)*

**CHAPTER 3 - AFFECTED ENVIRONMENT / ENVIRONMENTAL CONSEQUENCES**

**SWCA Deliverable:** Outline/List – Section headers/subheaders.

**FS Action:** Review/Edit/Finalize or send back for Rework.

*(Note: Sections should be in order of their importance)*

**SWCA Deliverable:** Outline/List – Contents of each section in Affected Environment.

**FS Action:** Review/Edit/Finalize or send back for Rework.

**SWCA Deliverable:** Outline/List – Relevant past actions for each section.

**SWCA Deliverable:** Outline/List – Relevant ongoing actions for each section.

**FS Action:** Review/Concur or Identify additions/deletions, consider input from Cooperating Agencies.

**SWCA Deliverable:** Outline/List – Planned map products for each section of Affected Environment.

**FS Action:** Review/Concur or identify additions/deletions.

*(Note: Maps may be designed to show multiple items of interest)*

**SWCA Deliverable:** Affected Environment GIS map layers (shape files) with metadata to Federal standards.

**FS Action:** Review/Concur or send back for Rework, compare to Forest and Cooperating Agency information.

*(Note: Approved map layers will be posted to County web site w/link from [www.RosemontEIS.us](http://www.RosemontEIS.us))*

**SWCA Deliverable:** Affected Environment GIS map products formatted for DEIS text and map packet.

**FS Action:** Review/Concur or send back for Rework.

*(Note: Maps for DEIS text and map package should be B&W, unless otherwise agreed)*

*(Note: Maps for DEIS text should not exceed 8 1/2" x 11", unless otherwise agreed)*

*(Note: Maps for map package should be at the same scale and orientation, unless otherwise agreed)*

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*(Note: Maps in text that are included in the map package should have such notation)*

**SWCA Deliverable:** Bounds of analysis for each section (work w/FS IDT specialist or point).

**FS Action:** Review/Edit/Finalize or send back for Rework.

*(Note: Individual bounds can be reviewed and finalized as they are developed)*

**SWCA Deliverable:** Regulatory framework for each section (work w/FS IDT specialist or point).

**FS Action:** Review/Edit/Finalize or send back for Rework.

*(Note: Individual frameworks can be reviewed and finalized as they are developed)*

**SWCA Deliverable:** Draft write-up for each section of Affected Environment (work w/FS IDT specialist or point).

**FS/SWCA Action:** Dialogue with and consider input from Cooperating Agencies (e.g., Stormwater Tech Transfer).

**FS Action:** IDT specialist review of draft write-up for each section of Affected Environment.

**FS Action:** IDT core review of draft write-up for each section of Affected Environment.

**FS Action:** Consideration of input from select external sources TBD.

**FS Action:** Review/Edit/Finalize or send back for Rework.

**FS Action:** Informal Regional specialist of draft write-up for each section.

**FS Action:** Review/Edit/Finalize or send back for Rework.

**FS Action:** Formal Regional review of Chapter 3, concurrent with Proponent and Cooperating Agency review.

**FS Action:** Determine how to use received input.

**SWCA Deliverable:** Revised draft text incorporating items deemed appropriate by Forest.

**FS Action:** Review/Edit/Finalize or send back for Rework.

**SWCA Deliverable:** Outline/List – Contents of each section in Consequences.

**FS Action:** Review/Edit/Finalize or send back for Rework.

**SWCA Deliverable:** Outline/List – Relevant reasonably foreseeable actions for each section of Consequences.

**FS Action:** Review/Concur or Identify additions/deletions, consider input from Cooperating Agencies.

**SWCA/FS:** Repeat above Affected Environment process and requirements for Consequences.

*(Note: Since No Action and Proposed Action are givens, effects analysis of those can begin immediately)*

## **PROJECT RECORD**

**FS Action:** Review and Finalize Sarah's draft requirements.

**SWCA Deliverable:** Project Record index, through date of DEIS Federal Register Notice.

**SWCA Deliverable:** Paper copy of DEIS record.

*(Note: Do we need one for SO and one for District to meet NEPA and Minerals requirements?)*

**SWCA Deliverable:** Electronic copy of record in pdf and HTML.

**FS Action:** Post electronic record to [www.RosemontEIS.us](http://www.RosemontEIS.us) at time of DEIS availability. (Use Enterprise Team)

## **OTHER**

- Clarification/documentation of claim stuff.
- Clarification/documentation of bonding process.
- Clarification/documentation of Rosemont Water permit from ADEQ (John Bodenchuk), CAP water recharge, CAP water storage credit.
- Add weblink to TEP site.
- Have more working sessions between IDT, SWCA, Rosemont Consultants, and Cooperating Agencies.

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- Tech report tracking sheet (SWCA/FS received date, SWCA review date, SWCA transmit review to FS, FS review date, Final accepted date).
- IDT Specialist review and follow-up on Tech reports.
- All products to be provided in pdf and HTML.
- FS paying for Limehouse purchase and management for taking on line comments.
- FS WO NEPA Services Group DEIS Comment collection and analysis.
- Preparation, printing, and mailing DEIS update postal card.
- Preparation and GPO printing of DEIS summary document.
- FS GPO printing of DEIS summary document and DEIS.

**MISC. PENDING / NOT CONFIRMED**

EPA review of reclamation plans.

WO-contracted third party auto-generation of socio-economic data for comparison/validation to the other two economic reports.

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Mar 13 2008 19:16:10 EDT  
**To:** e webb <rinconvalleyis@hotmail.com>  
richard elias <district5@pima.gov>;faye fentiman <ffentiman@fs.fed.us>;faye fentiman  
<ffentiman@gmail.com>;heidi schewel <hschewel@fs.fed.us>;john able <jable@fs.fed.us>;jeanine derby  
**CC:** <jderby@fs.fed.us>;nicole f pima county <nicole.fyffe@pima.gov>;reta laford <rlaford@fs.fed.us>;scott eagan-  
ray carrolls office <scott.egan@pima.gov>;tfurgason@swca.com  
**Subject:** Re: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and rates  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Elizabeth,

It's looking like the availability of the Forest Service meeting staff will more likely be earlier in the day, ie. in the afternoon. I am still firming this up, as well as firming up the day, and will keep you informed of the scheduling.

Just wanted to let you know of our availability as it currently stands, as I continue to coordinate with my coworkers.

Bev Everson

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

E Webb <rinconvalleyis@hotmail.com>  
03/13/2008 03:47 PM

To  
Faye Fentiman <ffentiman@gmail.com>  
cc  
Beverley A Everson <beverson@fs.fed.us>, Jeanine Derby <jderby@fs.fed.us>, Reta Laford  
<rlaford@fs.fed.us>, <tfurgason@swca.com>, Heidi Schewel <hschewel@fs.fed.us>, John Able  
<jable@fs.fed.us>, Faye Fentiman <ffentiman@fs.fed.us>, Nicole F Pima County <nicole.fyffe@pima.gov>,  
Scott Eagan-Ray Carrolls Office <scott.egan@pima.gov>, Richard Elias <district5@pima.gov>  
Subject  
April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and rates

Beverley

I have spoken with the team leaders of Rita Ranch, Corona de Tucson, Old Sonoita, New Tucson, Hilton Ranch and I am team leader for Vail Proper. That date will work for us, although we would like to request a time near or around 6pm and for the refreshments we would like to request that there also be items available for our diabetic and hypoglycemic community members. (IE salty type items, not just cookies and so on). Nicole Fyffe from the Pima County administrator's office said that would work as well.

Thanks again,  
Elizabeth Webb  
(520)247-3838

CC: beverson@fs.fed.us; jderby@fs.fed.us; rlaford@fs.fed.us; tfurgason@swca.com; hschewel@fs.fed.us; jable@fs.fed.us; ffentiman@fs.fed.us; nicole.fyffe@pima.gov  
From: ffentiman@gmail.com  
Subject: Re: NEPA Community Input for the Impacted Community meeting space and rates  
Date: Thu, 13 Mar 2008 15:07:55 -0700  
To: rinconvalleyis@hotmail.com

This day does not work for me as I have committed to something else on that day. Faye

On Mar 13, 2008, at 2:51 PM, E Webb wrote:

Beverley-

I will ask around and see if that will work for the others. I think I am available that day. Do you have a time in mind? Most parents have activities for their kids in the morning early afternoon. Would refreshments be served if it is around lunch or dinner?

Thanks for considering us,  
Elizabeth Webb  
247-3838

> Subject: Re: NEPA Community Input for the Impacted Community meeting space and rates  
> To: rinconvalleyis@hotmail.com; jderby@fs.fed.us; rlaford@fs.fed.us; tfurgason@swca.com; hschewel@fs.fed.us; jable@fs.fed.us; ffentiman@fs.fed.us  
> From: beverson@fs.fed.us  
> Date: Thu, 13 Mar 2008 14:06:03 -0700  
>  
> Elizabeth,  
>  
> We are currently considering Saturday, April 5, as a possible meeting date.  
> Could you please pass this information on to others that would need to  
> consider it?  
>  
> Thank you.



> concerns.  
>  
> I have included the attached facilities rental agreement for the Vail  
> School District with the contact information for Jeff Rutherford who  
> schedules the facilities. Unfortunately the meetings were not scheduled in  
> advance during a time when all of the buildings were empty during Spring  
> Break, although that has its own issues.  
>  
> Some dates we might suggest for consideration are: March 25th, 26th or 27th  
> , or possibly a Saturday, but I would have to check with Community Leaders  
> to see if a Saturday conflicts with other civic activities.  
>  
> Thank you for your consideration,  
> Elizabeth Webb  
> Community Advocate  
> 247-3838  
>  
>  
>  
>  
> From: rutherfordj@vail.k12.az.us  
> To: rinconvalleyis@hotmail.com  
> CC: floresa@vail.k12.az.us  
> Subject: meeting space and rates  
> Date: Thu, 13 Mar 2008 10:37:31 -0700  
>  
>  
> Hi Elizabeth,  
>  
> I have not been contacted for any meeting space by anyone concerning  
> the Rosemont Mine. We have space available at our schools I just need  
> a firm date and time. I have also attached our Facility Rental  
> Package that has a rate sheet available. Please let me know if I can  
> be of future help.  
>  
> Thanks Jeff R(See attached file: Vail School District Facility  
> Agreement[1].doc)

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Aug 31 2009 17:03:19 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: T.O. Comments on Conceptual Alternatives for Rosemfont Waste Rock & Tailings Placement  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 08/31/2009 02:02 PM -----

Mary M Farrell/R3/USDAFS  
08/31/2009 11:05 AM

To  
sgriset@swca.com

cc

William B Gillespie/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, "Melissa Reichard"  
<mreichard@swca.com>, Melinda D Roth/R3/USDAFS@FSNOTES

Subject

Fw: Comments on Conceptual Alternatives for Rosemfont Waste Rock & Tailings Placement

Hello, Suz,

See below, comments below from Peter Steere, FYI and to assist in the ethnohistory document preparation.  
I suspect Teresa has already sent them to Mel for the official project record.

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

----- Forwarded by Mary M Farrell/R3/USDAFS on 08/31/2009 11:01 AM -----

Peter Steere <peter.steere@tonation-nsn.gov>  
08/28/2009 04:26 PM

To  
"tciapusci@fs.fed.us" <tciapusci@fs.fed.us>  
cc  
Mary M Farrell <mfarrell@fs.fed.us>, "b.gillespie@fe.fed.us" <b.gillespie@fe.fed.us>  
Subject  
Comments on Conceptual Alternatives for Rosemont Waste Rock & Tailings Placement

MEMORANDUM

DATE: August 27, 2009

TO: Teresa Ciapusci, USFS Coronado National Forest

CC: Mary Farrell & Bill Gillespie, USFS Coronado National Forest

FROM: Peter L. Steere, Manager, Cultural Affairs, Tohono O'odham Nation

RE: Comments on Conceptual Alternatives for Rosemont Waste Rock and Tailings Placement

---

At the last meeting of the Cooperating Agencies for the Rosemont Project it was agreed to submit comments on the proposed alternatives for Rosemont waste rock and tailings.

We considered

Barrel/McCleary – Phased Tailings Waste Dump

Schofield/McCleary Waste Dump

Sycamore/Upper McCleary/Upper Barrel Waste Dump

Barrel Canyon Only Waste Dump

The Tohono O'odham Nation is still reviewing the lengthy cultural resources report prepared by SWCA.

This review is not complete.

None of the above waste dump alternatives are acceptable in the context of the significant cultural resources on the project area that the Tohono O'odham Nation believes should be managed and protected as part of a Santa Rita Mountains Traditional Cultural Place.

We are working on developing the concept of a Santa Rita Mountains Traditional Cultural Place that would include the Rosemont area as well as the rest of the Santa Rita Mountains – tentative boundary area on the north would be Mount Fagan, on the east the Empire Mountains stretching down to Fort Buchanan, on the

south to the Patagonia-Sonoita Creek Preserve and on the west to Elephant Head and along the Santa Rita Experimental Range.

These are preliminary boundaries only at the point and will have to be worked out in more detail.

**From:** jj lamb <jjlambken@yahoo.com>  
**Sent:** Fri Mar 14 2008 13:59:42 EDT  
**To:** e webb <rinconvalleyis@hotmail.com>;beverley a everson <beverson@fs.fed.us>  
richard elias <district5@pima.gov>;faye fentiman <ffentiman@fs.fed.us>;faye fentiman  
<ffentiman@gmail.com>;heidi schewel <hschewel@fs.fed.us>;john able <jable@fs.fed.us>;jeanine derby  
**CC:** <jderby@fs.fed.us>;nicole f pima county <nicole.fyffe@pima.gov>;reta laford <rlaford@fs.fed.us>;scott eagan-  
ray carrolls office <scott.egan@pima.gov>;tfurgason@swca.com;sandy whitehouse  
<deadlass14@msn.com>;davita mueller <davitamueller@cox.net>;jj lamb <jjlambken@yahoo.com>;charlotte  
cook <ccook520@aol.com>;new anne gibson <gibson@q.com>  
**Subject:** RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Ms. Everson and Fellow Team Members,

I have spoke with my core team in the New Tucson area of the Cienega Corridor and we have decided that later in the evening, 5:30 to 6:00pm would be preferable. A large population within our community have full schedules with family activities and it is important to involve them in the process. I am delighted that the Forest Service has decided to include our area in these important public meetings and look forward to connecting everyone on April 5th.

J.J. Lamb  
New Tucson Team Leader  
762-1073

E Webb <rinconvalleyis@hotmail.com> wrote:  
Beverley,

I appreciate that the paid Forest Service staff might have more availability in the earlier afternoon but we are volunteers and as this is a day when families traditionally have other activities scheduled, the later in the day would be better, especially as the county has agreed to 6pm. I am sure you understand. it is difficult to have to plan around a meeting in middle of the day when we have family responsibilities.

Thanks again,  
Elizabeth Webb  
Vail Team Leader  
(520)247-3838

> Subject: Re: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and rates

> To: rinconvalleyis@hotmail.com

> CC: district5@pima.gov; ffentiman@fs.fed.us; ffentiman@gmail.com; hschewel@fs.fed.us; jable@fs.fed.us; jderby@fs.fed.us; nicole.fyffe@pima.gov; rlaford@fs.fed.us; scott.egan@pima.gov; tfurgason@swca.com

> From: beverson@fs.fed.us

> Date: Thu, 13 Mar 2008 16:16:10 -0700

>

> Elizabeth,

>

> It's looking like the availability of the Forest Service meeting staff will

> more likely be earlier in the day, ie. in the afternoon. I am still

> firming this up, as well as firming up the day, and will keep you informed

> of the scheduling.

>  
> Just wanted to let you know of our availability as it currently stands, as  
> I continue to coordinate with my coworkers.  
>  
> Bev Everson  
>  
> Beverley A. Everson  
> Forest Geologist  
> Coronado National Forest  
> 300 W. Congress Street, 6th Floor  
> Tucson, AZ. 85701  
>  
> Voice: 520-388-8428  
> Fax: 520-388-8305  
>  
>  
>  
> E Webb  
> <rinconvalleyis@h  
> otmail.com> To  
> Faye Fentiman <ffentiman@gmail.com>  
> 03/13/2008 03:47 cc  
> PM Beverley A Everson  
> <beverson@fs.fed.us>, Jeanine Derby  
> <jderby@fs.fed.us>, Reta Laford  
> <rlaford@fs.fed.us>,  
> <tfurgason@swca.com>, Heidi Schewel  
> <hschewel@fs.fed.us>, John Able  
> <jable@fs.fed.us>, Faye Fentiman  
> <ffentiman@fs.fed.us>, Nicole F  
> Pima County  
> <nicole.fyffe@pima.gov>, Scott  
> Eagan-Ray Carrolls Office  
> <scott.egan@pima.gov>, Richard  
> Elias <district5@pima.gov>  
> Subject  
> April 5th for Vail Meeting- NEPA  
> Community Input for the Impacted  
> Community meeting space and rates  
>  
>  
>  
>  
>  
>  
>  
>  
>  
>  
>  
> Beverley  
>  
> I have spoken with the team leaders of Rita Ranch, Corona de Tucson, Old  
> Sonoita, New Tucson, Hilton Ranch and I am team leader for Vail Proper.  
> That date will work for us, although we would like to request a time near  
> or around 6pm and for the refreshments we would like to request that there  
> also be items available for our diabetic and hypoglycemic community

> members. (IE salty type items, not just cookies and so on). Nicole Fyffe  
> from the Pima County administrator's office said that would work as well.

>  
> Thanks again,  
> Elizabeth Webb  
> (520)247-3838

>  
>  
>  
>  
>  
> CC: beverson@fs.fed.us; jderby@fs.fed.us; rlaford@fs.fed.us;  
> tfurgason@swca.com; hschewel@fs.fed.us; jable@fs.fed.us;  
> ffentiman@fs.fed.us; nicole.fyffe@pima.gov  
> From: ffentiman@gmail.com  
> Subject: Re: NEPA Community Input for the Impacted Community meeting  
> space and rates  
> Date: Thu, 13 Mar 2008 15:07:55 -0700  
> To: rinconvalleyis@hotmail.com

>  
> This day does not work for me as I have committed to something else  
> on that day. Faye

>  
> On Mar 13, 2008, at 2:51 PM, E Webb wrote:

>  
> Beverley-

>  
> I will ask around and see if that will work for the others. I  
> think I am available that day. Do you have a time in mind? Most  
> parents have activities for their kids in the morning early  
> afternoon. Would refreshments be served if it is around lunch  
> or dinner?

>  
> Thanks for considering us,  
> Elizabeth Webb  
> 247-3838

>  
>  
> > Subject: Re: NEPA Community Input for the Impacted Community  
> meeting space and rates

> > To: rinconvalleyis@hotmail.com; jderby@fs.fed.us;  
> rlaford@fs.fed.us; tfurgason@swca.com; hschewel@fs.fed.us;  
> jable@fs.fed.us; ffentiman@fs.fed.us

> > From: beverson@fs.fed.us  
> > Date: Thu, 13 Mar 2008 14:06:03 -0700

> >  
> > Elizabeth,

> >  
> > We are currently considering Saturday, April 5, as a possible  
> meeting date.

> > Could you please pass this information on to others that would  
> need to

> > consider it?

> >



> > from the beginning. Our community will feel direct impacts if  
> this mine is  
> > approved. We are already experiencing the direct impact of  
> increased  
> > traffic on Sonoita Highway. To wait and see if a 4th meeting  
> is needed is  
> > not in the spirit of the NEPA process. I am sure you  
> understand my  
> > concerns.  
> >  
> > I have included the attached facilities rental agreement for  
> the Vail  
> > School District with the contact information for Jeff  
> Rutherford who  
> > schedules the facilities. Unfortunately the meetings were not  
> scheduled in  
> > advance during a time when all of the buildings were empty  
> during Spring  
> > Break, although that has its own issues.  
> >  
> > Some dates we might suggest for consideration are: March  
> 25th, 26th or 27th  
> > , or possibly a Saturday, but I would have to check with  
> Community Leaders  
> > to see if a Saturday conflicts with other civic activities.  
> >  
> > Thank you for your consideration,  
> > Elizabeth Webb  
> > Community Advocate  
> > 247-3838  
> >  
> >  
> >  
> > From: rutherfordj@vail.k12.az.us  
> > To: rinconvalleyis@hotmail.com  
> > CC: floresa@vail.k12.az.us  
> > Subject: meeting space and rates  
> > Date: Thu, 13 Mar 2008 10:37:31 -0700  
> >  
> >  
> > Hi Elizabeth,  
> >  
> > I have not been contacted for any meeting space by anyone  
> concerning  
> > the Rosemont Mine. We have space available at our schools I  
> just need  
> > a firm date and time. I have also attached our Facility  
> Rental  
> > Package that has a rate sheet available. Please let me know  
> if I can  
> > be of future help.  
> >  
> > Thanks Jeff R(See attached file: Vail School District  
> Facility  
> > Agreement[1].doc)  
>

>

Never miss a thing. Make Yahoo your homepage.

Revised EIS Timeline  
Rosemont Copper Project  
September 28, 2009

Notes:

1. Timeline is contingent upon Proponent provision of necessary data/information.
2. Timeline is contingent upon the absence of unavoidable adverse unforeseen events (e.g., complex wildfire on Forest, Serious injury or illness of key player, etc.).
3. Cooperating Agency activity to occur concurrently as appropriate, and at a minimum where specifically identified within a task.
4. Forest Service will continually identify areas to improve efficiency where possible. This may include reviews products concurrently by local and regional staff and Cooperating Agencies.

| Task                                                                                                                                                                                                     | Revised Est. Date     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1. Finalize Issues from Scoping.                                                                                                                                                                         | October 14, 2009      |
| 2. Publish Scoping Report 3 on FS web site.                                                                                                                                                              | October 20, 2009      |
| 3. NFMA consistency review of the Alternatives. Draft Plan Amendment language for each Alternative (if necessary).                                                                                       | October 30,2009       |
| 4. Deciding Official signs off on “Range of Reasonable Alternatives” (Note: Deciding Official and Region will continue to be briefed of Alternatives development).                                       | November 16, 2009     |
| 5. PDEIS version of Chapters 1 and 2 completed and mailed to Cooperating Agencies for review. Regional pre-decisional review.                                                                            | November 25, 2009     |
| 6. Completion of review of all technical reports submitted by the Proponent. (Note: Assumes all reports are submitted by November 11.)                                                                   | November 30, 2009     |
| 7. Forest Supervisor review of draft spatial and temporal bounds of cumulative impacts analysis and past, present, and reasonably foreseeable actions therein. Includes input from Cooperating Agencies. | January 15, 2010      |
| 8. Forest Supervisor review of Affected Environment.                                                                                                                                                     | January 8, 2010       |
| 9. Region pre-decisional review of Affected Environment.                                                                                                                                                 | January 29, 2010      |
| 10. Forest Supervisor review of Environmental Consequences                                                                                                                                               | February 1, 2010      |
| 11. Region pre-decisional review of Environmental Consequences                                                                                                                                           | February 1, 2010      |
| 12. Final Forest, Cooperating Agency, and Proponent Review of the DEIS before printing.                                                                                                                  | March 12, 2010        |
| 13. Submit DEIS to GPO for printing.                                                                                                                                                                     | April 28, 2010        |
| 14. Publish Notice of Availability of DEIS and 90-day comment period.                                                                                                                                    | May 30, 2010          |
| 15. CNF holds “Public Information Meetings”.                                                                                                                                                             | June 2010             |
| 16. CNF holds Public Hearings.                                                                                                                                                                           | August 2010           |
| 17. Comment analysis and response by FS Enterprise Team. Regional review of comments.                                                                                                                    | June - September 2010 |
| 18. FEIS revised to incorporate public Cooperating Agency comments.                                                                                                                                      | October 2010          |
| 19. Regional review of FEIS.                                                                                                                                                                             | Oct./Nov. 2010        |
| 20. Print and distribute FEIS, Publish NOA.                                                                                                                                                              | November 2010         |
| 21. Regional review of decision rationale and ROD Issued.                                                                                                                                                | December 2010         |

RE: Tetra Tech ftp site for SWCA file sharing

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Wed Jul 14 2010 17:43:39 EDT  
**To:** "krizek, david" <david.krizek@tetrattech.com>  
"kathy arnold" <karnold@rosemontcopper.com>; "barrios, francisco" <francisco.barrios@tetrattech.com>; "carrasco, joel" <joel.carrasco@tetrattech.com>; "lara mitchell" <lmitchell@swca.com>; "jonathan rigg" <jrigg@swca.com>; "beverley a everson" <beverson@fs.fed.us>; "tom furgason" <tfurgason@swca.com>; "dale ortman pe" <daleortmanpe@live.com>  
**CC:**  
**Subject:** RE: Tetra Tech ftp site for SWCA file sharing  
**Attachments:** Barrel\_alt\_chap2.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

David-

I checked with Lara and she missed the file called "Reclamation Landform" and pulled the waste rock and tailings files as she did for the other alternatives. I enclosed the figure with the Landform layer instead for your verification. This figure will not have designations of the specific placements as the rest, so it looks like a solid grey. I apologize for the misunderstanding.

Thanks again!

Mel

From: Krizek, David [mailto:David.Krizek@tetrattech.com]  
Sent: Wednesday, July 14, 2010 2:29 PM  
To: Melissa Reichard  
Cc: Kathy Arnold; Barrios, Francisco; Carrasco, Joel; Lara Mitchell; Jonathan Rigg; Beverley A Everson; Tom Furgason; Dale Ortman PE  
Subject: RE: Tetra Tech ftp site for SWCA file sharing

Melissa,

I believe you are using the footprint based on the stacking plans. As indicated, you need to use the footprint based on the reclamation surface.

We do not have the stacking plans for the final "draft" Barrel Only Alternative. I will attempt to obtain.

Sincerely,

David Krizek | Principal  
Main: 520-297-7723 | Mobile: 520-260-3490 | Fax: 520-297-7724

Tetra Tech

3031 West Ina Road | Tucson, AZ 85741 | [www.tetrattech.com](http://www.tetrattech.com)

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From: Melissa Reichard [mailto:mreichard@swca.com]  
Sent: Wednesday, July 14, 2010 2:16 PM  
To: Krizek, David  
Cc: Kathy Arnold; Barrios, Francisco; Carrasco, Joel; Lara Mitchell; Jonathan Rigg; Beverley A Everson; Tom Furgason; Dale Ortman PE  
Subject: RE: Tetra Tech ftp site for SWCA file sharing

David-

This is the map of Barrel Only that was generated using the files that you designated in the email below as being correct. I am sure that this is not correct. At this time we may just have to go with an older footprint to show to the Cooperating Agencies. I'm sure you are aware of the ramifications from the release of any incorrect information, including to the Cooperators.

Bev has already expressed some concern about having not received the maps for her presentation yet. If there is any way that your team could send us the truly correct files, that would be incredibly beneficial for everyone. Lara will be able to get together the needed figure if you can get her the up-to-date files by 3:30 pm at the latest.

I appreciate any help you can give!

Melissa

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From: Krizek, David [mailto:David.Krizek@tetrattech.com]  
Sent: Wednesday, July 14, 2010 11:32 AM  
To: Melissa Reichard  
Cc: Kathy Arnold; Barrios, Francisco; Carrasco, Joel; Lara Mitchell; Jonathan Rigg  
Subject: RE: Tetra Tech ftp site for SWCA file sharing

Melissa,

I have just updated the excel spreadsheet (see file dated today) with some updated "dates". I also noticed that there were some inconsistencies between the four directories. I did a bit of rearranging so that the spreadsheet now matches the directories for each alternative.

All current files are loaded.

Please use the final "reclamation" surfaces where available and not the stacking surfaces since the footprints do change between the two, especially for the Barrel Only Alternative. We had the final shape for Barrel Only done a few weeks ago but we were just verifying the internal sequencing. An exception is Scholefield. A shaped version of the Scholefield Alternative does not exist. However, whatever shaping is ultimately done to Scholefield Option, if needed, would remain within the stacking footprint.

FYI. Francisco did update the Scholefield Alternative yesterday (added grading and cover to extended heap leach pad). We are now going back to the two leach pad design.

We also have been modifying fence lines, wells, etc. Whatever is there is now good.

We will be meeting with Marcie on Friday to make sure we get all other remaining information that is

needed/expected, etc.

Still trying to gather all of the requested files.

What road or roads besides the primary access and the west access roads (Barrel Only) do you need for today?

Do you have the GIS files for the utility corridors to the north/northwest and to the south? Can you please send those to me or load on the ftp site in the appropriate .

Sincerely,

David Krizek | Principal  
Main: 520-297-7723 | Mobile: 520-260-3490 | Fax: 520-297-7724

Tetra Tech

3031 West Ina Road | Tucson, AZ 85741 | [www.tetrattech.com](http://www.tetrattech.com)

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- Barrel\_alt\_chap2.pdf

## **ROSEMONT COPPER PROJECT DEIS OUTSTANDING TASKS / NEEDS**

### **1.0 OVERALL APPROACH**

**Where we've been:** Our large IDT approach has ensured a thorough and comprehensive consideration of public comments and exploration of potential issues and alternatives.

**Where to go:** I believe we are now to a point in the process where we need to designate a smaller group of individuals to focus on specific tasks and coordination to ensure a timely development of the DEIS.

Below is a potential multi-part realignment to that end:

1. Mindee be assigned the responsibility and accountability for project coordination and execution.
2. A handful of passionate staff be designated to work on the project near full-time for the next two months, with the objective of producing a DEIS. These hand-selected individuals would be given specific tasks to accomplish, both within and outside of their areas of expertise. Tasks would vary as needed. Tasks could potentially include items such as: co-authoring products with SWCA; conducting individual and interdisciplinary product review; facilitating the filling of data gaps; providing documentation necessary for the record; consolidating information from external sources; etc.

**FS action:** Identify passionate staff, define roles, responsibilities, and time commitments.

**SWCA action:** Same as FS above.

3. Bev be re-prioritized to participate as part of the aforementioned hand-picked staff, while retaining IDT Leadership. Additional tasks could include various items such as: coordinating clarification of Rosemont's water permits and recharge; coordinating clarification to questions about claims; coordinating clarification on the Agency's bonding process, coordinating clarification of land ownership matters (e.g., disposition of private land under the waste rock and tailings pile), compilation of monitoring elements, etc.
4. Andrea be assigned to the pre-RO review of draft Chapter 3 materials.

### **2.0 PROPOSED MOU / COLLECTION AGREEMENT CHANGES**

Anything new noted in the above, such as HTMLs, GIS shape files.

Schedule revision.

Review/revise ITD and SWCA counterparts

Anything not previously covered such as meeting costs (facility rental, products, court reporter...)

Provide clearer direction regarding the use of SWCA's sub consultants. (C 6).

Include language about other decision makers (BLM and COE) (C 7)???

Identify as draft for Monday, Sept. 28<sup>th</sup>.

Consider following word/language changes:

Revise Purpose to articulate not only the selection of the Prime Consultant but also the responsibilities of the FS, Proponent, and Prime Consultant. Furthermore, the Purpose should include discussion of the establishment of communication protocols between the three parties and other agencies.

D 1. Current language is out of date

D 2. FS assistance preparing contract.

D 4. Strike "will" from sentence.

D 6 (e) Change wording to match prior bullets (e.g., strike "prior" add review). Consider combining bullets b and e.

D 6 Include bullet addressing FS making substantial changes to staffing allocation to the project as it pertains to additional cost or schedule.

D 11 Replace first sentence with "Ensure that adequate information is provided for the regulatory and stylistic framework of the EIS."

**ROSEMONT COPPER PROJECT DEIS  
OUTSTANDING TASKS / NEEDS**

D 12 Replace entirely with “Ensure that pertinent information and data from the FS and other outside sources is provided to the Prime Consultant for use in the analysis of potential impacts.”

D 20 Sarah should validate that this direction is correct.

D 21 Is the FS required to bear the responsibility for cost and preparation of the ROD?

E 5 Incorporate specifications listed in Attachment X of Modification 2.

E 7 Insert “final” before “technical”; add to the end of the sentence “in a timeframe to allow for the completion of the EIS on schedule.” And “Information will be submitted in a format requested by the FS. All reports will be provided in paper (four copies each) and electronic copies. Electronic copies will be submitted on compact disks, or DVDs, in .pdf **and** HTML formats. Geographical Information System (GIS) data will be submitted as shape files that are compatible with Esri’s ArcMap.

E 8 Review contract between the Company and SWCA.

E 9 add “...in a timely fashion.” To the end of the sentence.

E 14 Include costs for paper and electronic media (including, but not limited to compact disks, DVDs, web-based, and HTML)

E X Bear the cost of all methods the FS uses to notify the public of the availability of the DEIS and FEIS. This may include, but is not limited to, direct mailings, paid advertisements, public meetings, etc.

E X At the request of the FS, arrange for and bear the cost of “Technical Transfer Meetings” between FS Specialists, Prime Consultant (and when appropriate their subconsultants), and the Company’s Specialists and technical consulting team. These meetings may include Cooperating Agencies. These meetings will be an opportunity to provide an interim review by the FS, Cooperating Agencies, and the Prime Consultant to review and evaluate progress on a variety of technical analyses, validate the processes, and provide the opportunity for dialogue between all parties.

F 6 Include language that clarifies that all data, etc. relevant to the decision to be made will be included in AR.

F 12. Who should be the FS Principal Contact?

Attachment 1

I. Responsibilities

First sentence include at the beginning “ At the request of the Forest Service...)

3. Revise completely. “Distribute DEIS, FEIS, ROD, and any supplemental information, and all notices announcing public participation opportunities.”

5. Change “Indian tribes” to “Tribal Governments”.

9. Strike entirely.

Last paragraph. Change “resources” to “resource”

Include new item: FS may invite, as deemed necessary, Cooperating Agencies and other Consulting Parties to participate during meetings.

A 2. Revise first sentence to “ Prepare a checklist of all environmental requirements per Federal, state, and local agencies...”

**3.0 PRELIMINARY LIST OF TASKS AND DUE DATES**

*All due dates assume by COB (MST) unless otherwise noted.*

***Transmittal to Region on October 2, 2009: Scoping Report 3 (with Issues), Units of Measure, and Conceptual Alternatives to be Considered in Detail (to include: maps, tabular summary, and brief descriptions).***

Milestones: Scoping Report 3 (with Final Issues) - Due 10/20/09  
Chapter 1 (PDEIS) – Due 11/25/09

**ROSEMONT COPPER PROJECT DEIS  
OUTSTANDING TASKS / NEEDS**

Chapter 2 (PDEIS) – Due 11/25/09

Chapter 3 (PDEIS) – Due

**SCOPING REPORTS**

**Scoping Report 1.** Completed.

**Scoping Report 2.** Completed.

**Scoping Report 3.**

**FS Action:** Complete review of SR3. (Reta) Due 9/28/09 at 8:00 am.

**SWCA Action:** Make revisions to date based on 9/24/09 meeting. (Melissa) Due 9/28/09 at 8:00 am.

**FS and SWCA:** Finalize Issue Tracking Table to identify Issues recommended as: 1) driving Alternatives and Units of Measures; 2) focusing Effects and Units of Measures; 3) Addressing the Process; and 4) Out of Scope. SWCA to provide rational for each. Due 9/29/09.

**FS and SWCA:** Finalize Draft SR3. (Bev, Mindee, Melissa, Reta) Due 9/29/09.

**SWCA Deliverable:** Technical edit and formatting of SR3. 10/02/09 at 8:00 am. Post to WebEx in .doc and .pdf formats.

**FS Action:** Submit SR3 to Region for review. (Reta) 10/02/09 by 9:00 am.

**FS Action:** Region review of SR3. Provide input to CNF (Jeanine, Reta, Kent, Bev, and Mindee) on 10/08/09 in Tucson, AZ or via video conference. **Note: Requires Bev to ensure Line Officers listed will attend the meeting with Region and will schedule time to cover this topic.**

**FS and SWCA Action:** If necessary, revise SR3 per Region input. Submit to the Line Officer to approve Issues. Due 10/14/09

**FS Action:** Distributes SR3 to Cooperating Agencies at the 10/15/09 meeting. (Teresa Ann)

**FS Action:** Line Officer responds to Issues. Due 10/16/09.

**SWCA Deliverable:** Incorporate any modifications to Issues into SR3. Post to WebEx by 10/18/09.

**FS:** Post SR3 to internet. (Barbara) Due 10/20/09.

**CHAPTER 1**

**FS Action:** Purpose and Need – Dust off/Review/Finalize text using Federal Register Notice w/previously discussed clarification about rights of mining claimant, etc. Add acknowledgement of public misunderstanding and cooperating agency input, with restatement of Forest position. (Reta) Due 10/16/09.

**FS Action:** Decision Framework – Text done for FS. Need COE and BLM review of revised paragraphs regarding their decisions to be made. (Reta/TA) Due 10/16/09.

**FS Action:** Proposed Action Summary – Finalize using essentially previous materials such as Federal Register Notice and public meeting items. (Reta) Due 10/16/09 (Ideally, this would be completed early and submitted to Region with the 10/02/09 submittal package).

**SWCA Deliverable:** Revised Vicinity Map based on FS input. Due 10/12/09

*(Note – See Chapter 3 section for expectations related to maps.)*

**FS Action:** Submit entire Chapter for formal RO review, concurrent w/Proponent and Cooperating Agency review. (Mindee) Due 10/20/09.

**FS Action:** Region to review Chapter 1 and provide comments. Due 11/09/09

**FS Action:** Determine how to use received input.

**FS Action:** Revise text incorporating review items deemed appropriate. (Reta) Due 11/16/09

**SWCA Deliverable:** Final Chapter 1 formatted per FS DEIS template and final edit (for grammar, punctuation, etc.). Due 11/19/09.

**ROSEMONT COPPER PROJECT DEIS  
OUTSTANDING TASKS / NEEDS**

**FS Action:** Acceptance of the PDEIS version of Chapter 1. Due 11/25/09. (This means this chapter is accepted as ready by the FS to be sent to cooperating agencies with Chapter 2 for final review prior to publication.)

**CHAPTER 2**

**SWCA Deliverable:** Four electronic copies of coded comment materials, including attachments (May 29, 2009 submission). (Reta wants working copy set to read and mark up. Reta can share with other FS staff if needed to reduce the need for extra copies.). Due 9/28/09.

**FS Action:** Letter from the Deciding Official to the IDT Lead explaining the rationale for the DO to withhold the final sign-off on Alternatives until the completion of Chapter 2. The purpose of this is to document that the DO would like to consider all of the supporting documentation in Alternative Development prior to confirming the reasonable range of Alternatives. Due 10/9/09

**FS Action:** Draft statement for IDT to sign acknowledging that they read coded comments. (Mindee) Due 10/13/09.

**FS Action:** IDT member sign statement that they read comments coded X, Y, Z for their areas of responsibilities. Due 10/19/09.

**FS Action:** IDT Leader sign statement that she read all comments. Due 10/19/09.

**FS Action:** FS/DFS sign statement that they read all comments. Due 10/19/09.

**SWCA Deliverable:** Listing, in tabular format, of all letter attachments that consist of original input, as opposed to a copy of an existing publication. List elements should at a minimum identify: submittal number, Submitter(s), title or brief description, categorize as “Coding Needed”, “Forward to Specialist for Consideration in Analysis”, or not relevant to the Decision. Due 10/12/09.

**SWCA Deliverable:** If verification cannot be made that form letter attachments constituting original input were coded and appropriate considered, coding and disposition will be required. Due 10/12/09.

**FS Action:** IDT review all coded comments from the attachments to ensure all issues were identified. Review/Edit/Finalize or send back for revision if needed. Due 10/14/09.

**Rosemont Deliverable:** Revised details of Scholefield/McCleary Alternative avoiding covering of mineral resources with waste and tailings, and Sycamore Canyon Alternative using a slurry pipeline to convey tailings, locally quarry rock for buttresses, and changing waste placement location to only Barrel Canyon. Due 9/28/09.

**SWCA Deliverable:** Identification of Conceptual Alternatives recommended to be Considered in Detail (includes maps, tabular summary, and brief descriptions). 10/02/09.

**FS Action: Briefing** - Prepare for and provide informal presentation to RO staff on issue and alternative process. Deciding Official and Region preliminarily reviews reasonable range of Alternatives for fatal flaws. If necessary, Deciding Official recommends modifications to prevent unnecessary work or delays. Due 10/8/09.

**FS Action:** Finalize Proposed Action description for Chapter 2. (Reta) Due 10/9/09.

**SWCA Action:** Draft Alternatives to be considered (Chapter 2 text) based on level of effort for PA. Due 10/19/09.

**SWCA and FS Action:** Independently conduct Forest Plan Consistency review. No product from the IDT is expected. Due 10/16/09.

**SWCA Deliverable:** SWCA briefs IDT on Forest Plan Consistency review. IDT will validate SWCA’s work. Due 10/21/09?

**FS or SWCA (TBD) Deliverable:** If appropriate, draft Plan amendment language to follow the Proposed Action and each Alternative. Due 10/30/09.

**SWCA Deliverable:** Identification of recommended Features Common to All Action Alternatives. As appropriate, include citation to source entity and document. Draft Due 10/19/09.

**SWCA Deliverable:** Identification of recommended Features Common to More than One Action Alternatives. Include citation to source entity and document. Due 10/19/09.

**ROSEMONT COPPER PROJECT DEIS  
OUTSTANDING TASKS / NEEDS**

**FS Action:** Review Features Common to all Action Alternatives and More than One Action Alternative. Provide requested revisions to SWCA. Due 10/23/09.

**Rosemont Deliverable:** Revision of Alternatives and Alternative Elements recommended to be Considered but Dismissed from Detailed Study. Due 10/9/09.

**SWCA (SRK) Deliverable:** Review of Alternatives and Alternative Elements recommended to be Considered but Dismissed from Detailed Study. Due 10/16/09.

**FS Action:** Review Alternatives and Alternative Elements recommended to be Considered but Dismissed from Detailed Study. Due 10/23/09.

**SWCA Deliverable:** Comprehensive rationale for Dismissing an Alternative or Alternative Element from Detailed Study. Include citation to source entity and document. Due 10/30/09.

**SWCA Deliverable:** Draft Chapter 2. Due 10/30/09.

**FS Action: Briefing** - IDT recommends Alternatives to be considered in detail to the Deciding Official. Due 11/04/09.

**FS Action:** Deciding Official considers Alternatives and signs off on the range of reasonable alternatives. The DO may request additional information or modify the Alternatives to be considered in detail at her discretion. Due 11/16/09.

**FS Action:** Review/Edit/Finalize Chapter 2. Due 11/09/09.

**SWCA Action:** Make revisions per FS input. Final Chapter 2 formatted per FS DEIS template and final edit (for grammar, punctuation, etc.). Due 11/19/09.

**FS Action:** Acceptance of the PDEIS version of Chapter 2. Due 11/25/09. (This means this chapter is accepted as ready by the FS to be sent to cooperating agencies with Chapter 1 for final review prior to publication.)

**CHAPTER 3 - AFFECTED ENVIRONMENT / ENVIRONMENTAL CONSEQUENCES**

*Note: Completion of this task on schedule will require the timely and complete submission and revision of all technical reports by Rosemont. It is recommended that Rosemont's consultants confer with Forest Specialists to understand the Bounds of Analysis for each resource and agency requirements for content.*

*Note: FS will continue to dialogue with and consider input from Cooperating Agencies (e.g., Stormwater Tech Transfer).*

**Rosemont Deliverable:** All final technical reports, including but not limited to the following list. Due 11/2/09

- East side Modeling (Hydrology)
- Surface Stormwater Management
- Pit Lake Geochemistry
- Slope and Reclamation Treatments
- Jurisdictional Waters Delineation
- Wildlife Specialist Report (per Larry Jones' direction)
- Detailed Vegetation Map, including riparian areas mapped per FS standards
- Revised Socioeconomic
- Air Quality

**FS and SWCA Action:** Review of all technical reports. Due 11/30/09 *or* up to one month following submission by Rosemont.

**FS and SWCA Deliverable:** Finalized Bounds of Analysis. This includes maps with a narrative of spatial and temporally bounds. Due 10/16/09. (*Note: Individual bounds can be reviewed and finalized as they are developed*)

**ROSEMONT COPPER PROJECT DEIS  
OUTSTANDING TASKS / NEEDS**

**SWCA Deliverable:** Outline and regulatory framework – Contents of each section in Affected Environment. These outlines will list anticipated content, tables, and maps or graphics (charts, photos, flow charts, etc.) that are expected to be needed (work w/FS IDT specialist or point). Due 10/23/09.

*(Note: Maps should be designed to show multiple items of interest)*

*(Note: Individual frameworks can be reviewed and finalized as they are developed)*

**FS Action:** Review/Edit/Finalize or send back for Rework

**FS Action:** Review/Concur or identify additions/deletions. Due 10/30/09.

**FS and SWCA Deliverable:** Complete brief (one page or less) Plan of Analysis for each section of Environmental Consequences. Due 10/23/09.

**FS Deliverable:** Outline/List – Relevant past actions for each section. Due 10/23/09.

**FS Deliverable:** Outline/List – Relevant ongoing actions for each section. Due 10/23/09.

**FS Action:** Review/Concur or Identify additions/deletions, consider input from Cooperating Agencies. Due 10/23/09.

**FS Action:** Consideration of input from select external sources TBD.

**FS Action:** Review/Edit/Finalize or send back for Rework.

**SWCA Deliverable:** Complete draft Affected Environment portions of Chapter 3. This should include, to the extent possible, past and present activities. Due 12/04/09.

**SWCA Deliverable:** Affected Environment GIS map layers (shape files) with metadata to Federal standards.

**FS Action:** Review/Concur or send back for Rework, compare to Forest and Cooperating Agency information.

*(Note: Approved map layers will be posted to County web site w/link from [www.RosemontEIS.us](http://www.RosemontEIS.us))* Due 12/04/09.

**FS Action:** Review/Edit/Finalize or send back for revision. Due 12/11/09

**SWCA Deliverable:** Affected Environment GIS map products formatted for DEIS text and map packet.

**FS Action:** Review/Concur or send back for Rework.

*(Note: Maps for DEIS text and map package should be B&W, unless otherwise agreed)*

*(Note: Maps for DEIS text should not exceed 8 ½" x 11", unless otherwise agreed)*

*(Note: Maps for map package should be at the same scale and orientation, unless otherwise agreed)*

*(Note: Maps in text that are included in the map package should have such notation)*

**SWCA Deliverable:** Revised Affected Environment. Due 12/23/09. (Note: this should be completed to the level of PDEIS. We anticipate that some sections, such as Surface Water Management, may not be completed due to pending report submission by Rosemont.)

**FS Action:** Validate revisions were sufficient. Due 01/08/10.

**FS Action:** Informal Regional specialist review of draft write-up for each section. Due 01/29/10.

**FS Action:** Review/Edit/Finalize or send back for revision. Due 01/29/10.

**SWCA Deliverable:** Outline/List – Contents of each section in Consequences. These outlines will list plan of analysis, anticipated content, tables, and maps or graphics (charts, photos, flow charts, etc.) that are expected to be needed (work w/FS IDT specialist or point). Due 11/16/09.

**FS Action:** Review/Edit/Finalize or send back for revision. 11/30/09.

**FS Deliverable:** Outline/List – Relevant reasonably foreseeable actions for each section of Consequences. (Note: FS is currently gathering this information with the assistance of Cooperating Agencies.) Due 10/30/09.

**SWCA Deliverable:** Consequences. This should include, to the extent possible foreseeable actions. Due 1/15/10.

*Note: Completion of the this task prior to this date may be possible if Rosemont has submitted all final and completed technical documents, including Surface Water Management.*

**SWCA Deliverable:** Consequences GIS map layers (shape files) with metadata to Federal standards.

## **ROSEMONT COPPER PROJECT DEIS OUTSTANDING TASKS / NEEDS**

**FS Action:** Review/Concur or send back for revision, compare to Forest and Cooperating Agency information.

*(Note: Approved map layers will be posted to County web site w/link from [www.RosemontEIS.us](http://www.RosemontEIS.us))* Due 1/15/10.

**SWCA Deliverable:** Consequences GIS map products formatted for DEIS text and map packet per above formatting notes. Due 01/15/10.

**FS Action:** Send sections to Region for informal review. Due 1/18/10. (Sections will be sent as completed prior to this due date.)

**FS Action:** CNF Review/Concur Consequences or send back for revision. Due 02/01/10.

**FS Action:** Informal Regional specialist review of draft write-up for each section. Due 02/01/10.

**SWCA Deliverable:** Revised Consequences. Due 2/15/10.

**FS Action:** Review/Edit/Finalize or send back for revisions. Due 02/22/10.

**FS Action:** Validate revisions were sufficient. Due 03/05/10. (Note: this should be completed to the level of PDEIS.)

**FS Action:** Distribute PDEIS to Region, Cooperating Agencies and other parties (EPA, Washington Offices, etc.) for formal review. Due 3/12/10.

**FS Action:** Formal Regional review of PDEIS, concurrent with Proponent and Cooperating Agency review whose input is due approximately 30 days after distribution (4/13/10).

**FS and SWCA Action:** Incorporate received input. Due 4/23/10.

**FS and SWCA Action:** Send DEIS to GPO. Due 4/28/10.

**FS Action:** Publish Notice of Availability. Due 5/30/10.

### **CHAPTERS 4- 6**

**SWCA Action:** Submit draft Chapters 4-6 and appendices. Due 2/22/10.

*Note: Large or highly technical appendices will need to be submitted prior to this date for detailed review.*

**FS Action:** Review/Edit/Finalize or send back for revisions. Due 2/29/10.

**SWCA Action:** Incorporate input. Submit PDEIS ready chapters and appendices. Due 3/12/10.

### **PROJECT RECORD**

**FS Action:** Review and Finalize Sarah's draft requirements. Due 10/9/09.

**SWCA Deliverable:** Monthly updates on the project index. Due last working day of the month.

**SWCA Deliverable:** Complete Project Record index, through date of DEIS Federal Register Notice. Due 5/30/10

**FS Action:** Research where records need to be located (SO and District?).

**SWCA Deliverable:** Paper copy of DEIS record. Due 5/30/10.

**SWCA Deliverable:** Electronic copy of record in pdf and HTML. Due 5/30/10.

**FS Action:** Post electronic record to [www.RosemontEIS.us](http://www.RosemontEIS.us) at time of DEIS availability. Due 5/30/10. (Use Enterprise Team)

### **OTHER**

- Clarification/documentation of claim stuff.
- Clarification/documentation of bonding process.
- Clarification/documentation of Rosemont Water permit from ADEQ (John Bodenchuk), CAP water recharge, CAP water storage credit.
- Add weblink to TEP site.
- Have more working sessions between IDT, SWCA, Rosemont Consultants, and Cooperating Agencies.

**ROSEMONT COPPER PROJECT DEIS  
OUTSTANDING TASKS / NEEDS**

- Tech report tracking sheet (SWCA/FS received date, SWCA review date, SWCA transmit review to FS, FS review date, Final accepted date.
- IDT Specialist review and follow-up on Tech reports.
- All products to be provided in pdf and HTML.
- Contract Limehouse for public participation and management for taking on-line comments.
- FS WO NEPA Services Group DEIS Comment collection and analysis.
- Preparation, printing, and mailing DEIS update postal card.
- Preparation and GPO printing of DEIS summary document.
- FS GPO printing of DEIS summary document and DEIS.
- Formalize agreement with Enterprise Team to complete Content Analysis on public comments.
- Prepare a comprehensive Public Communications Plan for the roll out of the DEIS and public participation in providing comments.

**MISC. PENDING / NOT CONFIRMED**

EPA review of reclamation plans.

WO-contracted third party auto-generation of socio-economic data for comparison/validation to the other two economic reports.

**From:** jeanine derby/r3/usdafs;nsf;jderby@fs.fed.us;smtp  
**Sent:** Fri Mar 14 2008 14:52:17 EDT  
**To:** jj lamb <jjlambken@yahoo.com>  
beverley a everson <beverson@fs.fed.us>;charlotte cook <ccook520@aol.com>;davita mueller <davitamueller@cox.net>;sandy whitehouse <deadlass14@msn.com>;richard elias <district5@pima.gov>;faye fentiman <ffentiman@gmail.com>;faye fentiman <ffentiman@fs.fed.us>;new anne gibson <gibson@q.com>;heidi schewel <hschewel@fs.fed.us>;john able <jable@fs.fed.us>;jj lamb <jjlambken@yahoo.com>;nicole f pima county <nicole.fyffe@pima.gov>;e webb <rinconvalleyis@hotmail.com>;reta laford <rlaford@fs.fed.us>;scott eagan-ray carrolls office <scott.egan@pima.gov>;tfurgason@swca.com  
**Subject:** RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We are glad to accommodate the communities near Vail and will try to come close to the time that you request, however there are many people involved in staffing this open house and all schedules need to be considered. Many of us are volunteering our time with you to provide this opportunity. We will get a news release out soon with the new information. Please note that the meetings are designed in Open House format, so people can come and go as it fits their schedules. Also, it is not necessary to attend a meeting to provide comments. A web address, FAX address and mailing address were announced in the news release and will be repeated in the supplementary release. Thanks for your interest.

Jeanine Derby, Forest Supervisor  
Coronado National Forest  
phone: 520 388-8306  
FAX: 520 388-8305

JJ Lamb <jjlambken@yahoo.com>  
03/14/2008 10:59 AM

To  
E Webb <rinconvalleyis@hotmail.com>, Beverley A Everson <beverson@fs.fed.us>  
cc  
Richard Elias <district5@pima.gov>, Faye Fentiman <ffentiman@fs.fed.us>, Faye Fentiman <ffentiman@gmail.com>, Heidi Schewel <hschewel@fs.fed.us>, John Able <jable@fs.fed.us>, Jeanine Derby <jderby@fs.fed.us>, Nicole F Pima County <nicole.fyffe@pima.gov>, Reta Laford <rlaford@fs.fed.us>, Scott Eagan-Ray Carrolls Office <scott.egan@pima.gov>, tfurgason@swca.com, Sandy WHITEHOUSE <deadlass14@msn.com>, Davita Mueller <davitamueller@cox.net>, JJ Lamb <jjlambken@yahoo.com>, Charlotte Cook <ccook520@aol.com>, new Anne Gibson <gibson@q.com>  
Subject  
RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra

Ms. Everson and Fellow Team Members,

I have spoke with my core team in the New Tucson area of the Cienega Corridor and we have decided that later in the evening, 5:30 to 6:00pm would be preferable. A large population within our community have full schedules with family activities and it is important to involve them in the process. I am delighted that the Forest Service has decided to include our area in these important public meetings and look forward to connecting everyone on April 5th.

J.J. Lamb  
New Tucson Team Leader  
762-1073

E Webb <rinconvalleyis@hotmail.com> wrote:  
Beverley,

I appreciate that the paid Forest Service staff might have more availability in the earlier afternoon but we are volunteers and as this is a day when families traditionally have other activities scheduled, the later in the day would be better, especially as the county has agreed to 6pm. I am sure you understand. it is difficult to have to plan around a meeting in middle of the day when we have family responsibilities.

Thanks again,  
Elizabeth Webb  
Vail Team Leader  
(520)247-3838

> Subject: Re: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and rates

> To: rinconvalleyis@hotmail.com

> CC: district5@pima.gov; ffentiman@fs.fed.us; ffentiman@gmail.com; hschewel@fs.fed.us; jable@fs.fed.us; jderby@fs.fed.us; nicole.fyffe@pima.gov; rlaford@fs.fed.us; scott.egan@pima.gov; tfurgason@swca.com

> From: beverson@fs.fed.us

> Date: Thu, 13 Mar 2008 16:16:10 -0700

>

> Elizabeth,

>

> It's looking like the availability of the Forest Service meeting staff will

> more likely be earlier in the day, ie. in the afternoon. I am still

> firming this up, as well as firming up the day, and will keep you informed

> of the scheduling.

>

> Just wanted to let you know of our availability as it currently stands, as

> I continue to coordinate with my coworkers.

>

> Bev Everson

>

> Beverley A. Everson

> Forest Geologist

> Coronado National Forest

> 300 W. Congress Street, 6th Floor

> Tucson, AZ. 85701

>

> Voice: 520-388-8428

> Fax: 520-388-8305

>



> Subject: Re: NEPA Community Input for the Impacted Community meeting  
> space and rates  
> Date: Thu, 13 Mar 2008 15:07:55 -0700  
> To: rinconvalleyis@hotmail.com  
>  
> This day does not work for me as I have committed to something else  
> on that day. Faye

> On Mar 13, 2008, at 2:51 PM, E Webb wrote:

> Beverley-

> I will ask around and see if that will work for the others. I  
> think I am available that day. Do you have a time in mind? Most  
> parents have activities for their kids in the morning early  
> afternoon. Would refreshments be served if it is around lunch  
> or dinner?

> Thanks for considering us,  
> Elizabeth Webb  
> 247-3838

> > Subject: Re: NEPA Community Input for the Impacted Community  
> meeting space and rates

> > To: rinconvalleyis@hotmail.com; jderby@fs.fed.us;  
> rlaford@fs.fed.us; tfurgason@swca.com; hschewel@fs.fed.us;  
> jable@fs.fed.us; ffentiman@fs.fed.us

> > From: beverson@fs.fed.us

> > Date: Thu, 13 Mar 2008 14:06:03 -0700

> > Elizabeth,

> > We are currently considering Saturday, April 5, as a possible  
> meeting date.

> > Could you please pass this information on to others that would  
> need to  
> > consider it?

> > Thank you.

> > Bev Everson

> > Beverley A. Everson

> > Forest Geologist

> > Coronado National Forest

> > 300 W. Congress Street, 6th Floor

> > Tucson, AZ. 85701

> > Voice: 520-388-8428

> > Fax: 520-388-8305

> >  
> > E Webb  
> > <rinconvalleyis@h  
> > otmail.com> To  
> > <beverson@fs.fed.us>  
> > 03/13/2008 11:09 cc  
> > AM ""Albert D. Flores""  
> > <floresa@vail.k12.az.us>, Jeff  
> > Rutherford  
> > <rutherfordj@vail.k12.az.us>,  
> > Nicole F Pima County  
> > <nicole.fyffe@pima.gov>, Scott  
> > Eagan-Ray Carrolls Office  
> > <scott.egan@pima.gov>, Richard  
> > Elias <district5@pima.gov>, Kim  
> > Beck <coyotes@cox.net>, Kristen  
> > Almquist <kalmquist@az.gov>, "Tim  
> > Bee" <tbee@azleg.gov>  
> > Subject  
> > NEPA Community Input for the  
> > Impacted Community meeting space  
> > and rates

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> >  
> > Ms. Everson,  
> >  
> > I was asked by Nicole Fyffe to contact you in regard to  
> > possible meeting  
> > locations in the Vail/Cienega Corridor location.  
> >  
> > I spent some time with Ms. Derby explaining the situation of  
> > how important  
> > it is that our community is an active participant in this  
> > public process  
> > from the beginning. Our community will feel direct impacts if  
> > this mine is  
> > approved. We are already experiencing the direct impact of  
> > increased  
> > traffic on Sonoita Highway. To wait and see if a 4th meeting  
> > is needed is  
> > not in the spirit of the NEPA process. I am sure you  
> > understand my  
> > concerns.  
> >  
> > I have included the attached facilities rental agreement for  
> > the Vail  
> > School District with the contact information for Jeff  
> > Rutherford who  
> > schedules the facilities. Unfortunately the meetings were not

> scheduled in  
> > advance during a time when all of the buildings were empty  
> during Spring  
> > Break, although that has its own issues.  
> >  
> > Some dates we might suggest for consideration are: March  
> 25th, 26th or 27th  
> > , or possibly a Saturday, but I would have to check with  
> Community Leaders  
> > to see if a Saturday conflicts with other civic activities.  
> >  
> > Thank you for your consideration,  
> > Elizabeth Webb  
> > Community Advocate  
> > 247-3838  
> >  
> >  
> >  
> > From: rutherfordj@vail.k12.az.us  
> > To: rinconvalleyis@hotmail.com  
> > CC: floresa@vail.k12.az.us  
> > Subject: meeting space and rates  
> > Date: Thu, 13 Mar 2008 10:37:31 -0700  
> >  
> >  
> > Hi Elizabeth,  
> >  
> > I have not been contacted for any meeting space by anyone  
> concerning  
> > the Rosemont Mine. We have space available at our schools I  
> just need  
> > a firm date and time. I have also attached our Facility  
> Rental  
> > Package that has a rate sheet available. Please let me know  
> if I can  
> > be of future help.  
> >  
> > Thanks Jeff R(See attached file: Vail School District  
> Facility  
> > Agreement[1].doc)  
>  
>

Never miss a thing. Make Yahoo your homepage.

**From:** e webb <rinconvalleyis@hotmail.com>  
**Sent:** Fri Mar 14 2008 15:08:51 EDT  
**To:** jeanine derby <jderby@fs.fed.us>;jj lamb <jjlambken@yahoo.com>  
beverley a everson <beverson@fs.fed.us>;charlotte cook <ccook520@aol.com>;davita mueller  
<davitamueller@cox.net>;sandy whitehouse <deadlass14@msn.com>;richard elias <district5@pima.gov>;faye  
fentiman <ffentiman@gmail.com>;faye fentiman <ffentiman@fs.fed.us>;new anne gibson <gibson@q.com>;heidi  
**CC:** schewel <hschewel@fs.fed.us>;john able <jable@fs.fed.us>;nicole f pima county <nicole.fyffe@pima.gov>;reta  
laford <rlaford@fs.fed.us>;scott eagan-ray carrolls office <scott.egan@pima.gov>;<tfurgason@swca.com>;"liana  
abarca-smith (pecan)" <labarca-smith@greenvalleypecan.com>;"tim bee" <tbee@azleg.gov>;"zoe heller epa"  
<heller.zoe@epamail.epa.gov>  
**Subject:** Response- April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Julie,  
Here is an email I just received from Ms. Derby in regard to a proposed Vail/Cienega corridor meeting.

It does not list date and it does not list a time. Within our 425 sq mile boundaries with a registered voter count of 22K plus voters, estimated 43K plus residents, in one day, our volunteer team leaders, from 6 very distinct socio-economic regions to include both Pima County and City of Tucson were able to come together to work with the Forest Service to provide not only a suitable location to meet, but a time. Additionally, Pima County has agreed to the time on April 5th that we have suggested. It is around the same time as the other scheduled meetings.

This is the response I received. I am terribly disappointed in the process and sincerely hope the Senator will take this situation seriously.

If a meeting had been scheduled originally with all of the other 3 meetings, I am sure there would not have been as much of an issue. Additionally, I am still concerned that our neighbors in Benson and Sonoita will not have adequate access to the public process.

Thank you for your time,  
Elizabeth Webb  
Vail Team Leader  
247-3838

The Vail Connection

....a drive worth miles in value

Thanks again,  
Elizabeth Webb  
(520)762-0000

www.thevailconnection.com

> Subject: RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra

> To: jjlambken@yahoo.com

> CC: beverson@fs.fed.us; ccook520@aol.com; davitamueller@cox.net; deadlass14@msn.com; district5@pima.gov; ffentiman@gmail.com; ffentiman@fs.fed.us; gibson@q.com; hschewel@fs.fed.us; jable@fs.fed.us; jjlambken@yahoo.com; nicole.fyffe@pima.gov; rinconvalleyis@hotmail.com; rlaford@fs.fed.us; scott.egan@pima.gov; tfurgason@swca.com

> From: jderby@fs.fed.us

> Date: Fri, 14 Mar 2008 11:52:17 -0700

>

> We are glad to accommodate the communities near Vail and will try to come  
> close to the time that you request, however there are many people involved  
> in staffing this open house and all schedules need to be considered. Many  
> of us are volunteering our time with you to provide this opportunity. We  
> will get a news release out soon with the new information. Please note  
> that the meetings are designed in Open House format, so people can come and  
> go as it fits their schedules. Also, it is not necessary to attend a  
> meeting to provide comments. A web address, FAX address and mailing  
> address were announced in the news release and will be repeated in the  
> supplementary release. Thanks for your interest.

>

>

> Jeanine Derby, Forest Supervisor

> Coronado National Forest

> phone: 520 388-8306

> FAX: 520 388-8305

>

>

>

> JJ Lamb

> <jjlambken@yahoo

> .com> To

> E Webb <rinconvalleyis@hotmail.com> ,

> 03/14/2008 10:59 Beverley A Everson

> AM <beverson@fs.fed.us>

> cc

> Richard Elias <district5@pima.gov> ,

> Faye Fentiman <ffentiman@fs.fed.us> ,

> Faye Fentiman <ffentiman@gmail.com> ,

> Heidi Schewel <hschewel@fs.fed.us> ,

> John Able <jable@fs.fed.us> , Jeanine

> Derby <jderby@fs.fed.us> , Nicole F

> Pima County <nicole.fyffe@pima.gov> ,

> Reta Laford <rlaford@fs.fed.us> ,

> Scott Eagan-Ray Carrolls Office

> <scott.egan@pima.gov> ,

> tfurgason@swca.com, Sandy WHITEHOUSE

> <deadlass14@msn.com> , Davita Mueller

> <davitamueller@cox.net> , JJ Lamb

> <jjlambken@yahoo.com> , Charlotte

> Cook <ccook520@aol.com> , new Anne

> Gibson <gibson@q.com>

> Subject





> > Beverley

> >

> > I have spoken with the team leaders of Rita Ranch, Corona de Tucson, Old

> > Sonoita, New Tucson, Hilton Ranch and I am team leader for Vail Proper.

> > That date will work for us, although we would like to request a time

> > near

> > or around 6pm and for the refreshments we would like to request that

> > there

> > also be items available for our diabetic and hypoglycemic community

> > members. (IE salty type items, not just cookies and so on). Nicole Fyffe

> > from the Pima County administrator's office said that would work as well.

> >

> > Thanks again,

> > Elizabeth Webb

> > (520)247-3838

> >

> >

> >

> >

> >

> >

> > CC: beverson@fs.fed.us; jderby@fs.fed.us; rlaford@fs.fed.us;

> > tfurgason@swca.com; hschewel@fs.fed.us; jable@fs.fed.us;

> > ffentiman@fs.fed.us; nicole.fyffe@pima.gov

> > From: ffentiman@gmail.com

> > Subject: Re: NEPA Community Input for the Impacted Community meeting

> > space and rates

> > Date: Thu, 13 Mar 2008 15:07:55 -0700

> > To: rinconvalleyis@hotmail.com

> >

> > This day does not work for me as I have committed to something else

> > on that day. Faye

> >

> > On Mar 13, 2008, at 2:51 PM, E Webb wrote:

> >

> > Beverley-

> >

> > I will ask around and see if that will work for the others. I

> > think I am available that day. Do you have a time in mind? Most

> > parents have activities for their kids in the morning early

> > afternoon. Would refreshments be served if it is around lunch

> > or dinner?

> >

> > Thanks for considering us,

> > Elizabeth Webb

> > 247-3838

> >

> >

> >

> >

> >

> > > Subject: Re: NEPA Community Input for the Impacted Community

> > > meeting space and rates

> > > To: rinconvalleyis@hotmail.com; jderby@fs.fed.us;

> > > rlaford@fs.fed.us; tfurgason@swca.com; hschewel@fs.fed.us;

> > > jable@fs.fed.us; ffentiman@fs.fed.us

> > > From: beverson@fs.fed.us

> > > Date: Thu, 13 Mar 2008 14:06:03 -0700



> > >  
> > > I was asked by Nicole Fyffe to contact you in regard to  
> > possible meeting  
> > > locations in the Vail/Cienega Corridor location.  
> > >  
> > > I spent some time with Ms. Derby explaining the situation of  
> > how important  
> > > it is that our community is an active participant in this  
> > public process  
> > > from the beginning. Our community will feel direct impacts if  
> > this mine is  
> > > approved. We are already experiencing the direct impact of  
> > increased  
> > > traffic on Sonoita Highway. To wait and see if a 4th meeting  
> > is needed is  
> > > not in the spirit of the NEPA process. I am sure you  
> > understand my  
> > > concerns.  
> > >  
> > > I have included the attached facilities rental agreement for  
> > the Vail  
> > > School District with the contact information for Jeff  
> > Rutherford who  
> > > schedules the facilities. Unfortunately the meetings were not  
> > scheduled in  
> > > advance during a time when all of the buildings were empty  
> > during Spring  
> > > Break, although that has its own issues.  
> > >  
> > > Some dates we might suggest for consideration are: March  
> > 25th, 26th or 27th  
> > > , or possibly a Saturday, but I would have to check with  
> > Community Leaders  
> > > to see if a Saturday conflicts with other civic activities.  
> > >  
> > > Thank you for your consideration,  
> > > Elizabeth Webb  
> > > Community Advocate  
> > > 247-3838  
> > >  
> > >  
> > >  
> > >  
> > > From: rutherfordj@vail.k12.az.us  
> > > To: rinconvalleyis@hotmail.com  
> > > CC: floresa@vail.k12.az.us  
> > > Subject: meeting space and rates  
> > > Date: Thu, 13 Mar 2008 10:37:31 -0700  
> > >  
> > >  
> > > Hi Elizabeth,  
> > >  
> > > I have not been contacted for any meeting space by anyone  
> > concerning  
> > > the Rosemont Mine. We have space available at our schools I  
> > just need  
> > > a firm date and time. I have also attached our Facility

> > Rental  
> > > Package that has a rate sheet available. Please let me know  
> > if I can  
> > > be of future help.  
> > >  
> > > Thanks Jeff R(See attached file: Vail School District  
> > Facility  
> > > Agreement[1].doc)  
> >  
> >  
>  
>  
>  
>  
> Never miss a thing. Make Yahoo your homepage.  
>  
>  
>

**From:** walter keyes/r3/usdafs;nsf;wkeyes@fs.fed.us;smtp  
**Sent:** Fri Jun 12 2009 14:45:38 EDT  
**To:** "ralph ellis" <rellis@swca.com>  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** RE: Rosemont EIS Chapter 3, Affected Environment  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Ralph,

Please keep working on TetraTech regarding the two roadway segments, and why the break is where it is. This is important to understand, and right now I have no understanding on why the break is where it is.

I'll look at what you sent, likely Monday.

We also need to address whatever transportation will occur on the alternate, or secondary access route(s). Namely, the permanent and potentially construction utility access routes. Use on these routes will likely pale in comparison to the primary access route, but there will still be an impact and it needs to be addressed. Specifically, the permanent utility access route (as shown in the Mine Plan of Operation; MPO) will go through the Gunsight Pass areas, or at least close. The temporary utility access route (NOT in the MPO) would run from Box Canyon Road (on the south side of the project area) and then to the project site, likely along one of the existing USFS roads.

Thanks.

Walt.

.....  
Walt Keyes -- Roads Engineer  
Coronado National Forest  
300 W. Congress, Tucson, AZ 85701  
520-388-8416 voice / 260-9567 cell / 388-8334 fax / wkeyes@fs.fed.us  
"Being right too soon is socially unacceptable".  
-- Robert A. Heinlein  
.....

"Ralph Ellis" <rellis@swca.com>  
06/11/2009 03:55 PM

To  
"Walter Keyes" <wkeyes@fs.fed.us>  
cc  
"Beverley A Everson" <beverson@fs.fed.us>  
Subject  
RE: Rosemont EIS Chapter 3, Affected Environment

Walter,  
I have not heard back from Tetra Tech on their reasoning behind breaking up the two roadway segments at Hidden Valley Road. I will keep trying.

In the mean time I am forwarding you the draft of the geographic and temporal parameters of what will be analyzed for Transportation/Access along with a graphic.

From: Walter Keyes [mailto:wkeyes@fs.fed.us]  
Sent: Thursday, May 28, 2009 12:50 PM  
To: Ralph Ellis  
Cc: Beverley A Everson  
Subject: RE: Rosemont EIS Chapter 3, Affected Environment

Ralph,

The Mining Plan of Operations (MPO) speaks of shipping the concentrates and copper plate from the Port of Tucson, as I recall. This means everything of substance will head north on SR 83. If this is correct--which I believe it is--then I concur with your analysis intersections as presented here.

Looking at the Traffic Analysis document I see the description of the two adjacent roadway segments (each a portion of SR 83/ aka AZ 83), separated by Hidden Valley Road's intersection. I don't see or understand the reasoning behind breaking the two segments at that location as opposed to, say, at Rosemont Junction. Perhaps you can enlighten me?

Regarding the analysis times, I concur.

Walt.

.....  
Walt Keyes -- Roads Engineer  
Coronado National Forest  
300 W. Congress, Tucson, AZ 85701  
520-388-8416 voice / 260-9567 cell / 388-8334 fax / wkeyes@fs.fed.us  
"Being right too soon is socially unacceptable".  
-- Robert A. Heinlein  
.....

"Ralph Ellis" <rellis@swca.com>  
05/28/2009 10:53 AM

To  
"Walter Keyes" <wkeyes@fs.fed.us>  
cc  
  
Subject  
RE: Rosemont EIS Chapter 3, Affected Environment

Walt,

I have been asked by the SWCA project manager to proceed with drafting the transportation/access sections of Chapter 3, Affected Environment, of the Rosemont EIS. The first step is to establish the bounds of analysis (both geographic and temporal) as well as the timeline of analysis. The traffic analysis report study area included seven intersections and two roadway segments along SR 83 between Interstate 10 and Greaterville Road. It included the following:

1-10 westbound on- and off-ramps

1-10 eastbound on- and off-ramps

East Sahuarita Road

Hilton Ranch Road

Hidden Valley Road

Rosemont Junction

Greaterville Road

Do you concur with the above bound of analysis for transportation/analysis and the time of analysis would be during the construction, operations and closure phases of the mining project?

From: Walter Keyes [mailto:wkeyes@fs.fed.us]

Sent: Wednesday, March 11, 2009 5:24 PM

To: Ralph Ellis

Cc: Charles Coyle; Jeff Connell; Melissa Reichard; Tom Furgason

Subject: Re: Rosemont EIS Chapter 3, Affected Environment

Ralph,

Attached is the document with my markups in yellow highlight.

Thanks.

Walt.

.....  
Walt Keyes -- Roads Engineer  
Coronado National Forest  
300 W. Congress, Tucson, AZ 85701  
520-388-8416 voice / 260-9567 cell / 388-8332 fax / wkeyes@fs.fed.us  
"Being right too soon is socially unacceptable".  
-- Robert A. Heinlein  
.....

"Ralph Ellis" <rellis@swca.com>  
03/09/2009 10:16 AM

To  
<wkeyes@fs.fed.us>  
cc

"Charles Coyle" <ccoyle@swca.com>, "Jeff Connell" <jconnell@swca.com>, "Tom Furgason" <tfurgason@swca.com>, "Melissa Reichard" <mreichard@swca.com>

Subject

Rosemont EIS Chapter 3, Affected Environment

Walter,

Attached is what I have developed as headings and subheadings for the Transportation section of Chapter 3, Affected Environment. Please review and provide any comments or additions that you may have. Thanks.

<<Chapter 3, TRANSPORTATION.doc>>

Ralph Ellis

Sr. Environmental Planner/Project Manager

SWCA Environmental Consultants

3033 N. Central Avenue, Suite 145

Phoenix, AZ 85004

T 602.274.3831 / F 602.274.3958/ C 480.510.3586

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**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Wed Jul 14 2010 17:16:24 EDT  
**To:** "krizek, david" <david.krizek@tetrattech.com>  
"kathy arnold" <karnold@rosemontcopper.com>; "barrios, francisco" <francisco.barrios@tetrattech.com>; "carrasco, joel" <joel.carrasco@tetrattech.com>; "lara mitchell" <lmitchell@swca.com>; "jonathan rigg" <jrigg@swca.com>; "beverley a everson" <beverson@fs.fed.us>; "tom furgason" <tfurgason@swca.com>; "dale ortman pe" <daleortmanpe@live.com>  
**CC:**  
**Subject:** RE: Tetra Tech ftp site for SWCA file sharing  
**Attachments:** Barrel\_alt\_chap2.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

David-

This is the map of Barrel Only that was generated using the files that you designated in the email below as being correct. I am sure that this is not correct. At this time we may just have to go with an older footprint to show to the Cooperating Agencies. I'm sure you are aware of the ramifications from the release of any incorrect information, including to the Cooperators.

Bev has already expressed some concern about having not received the maps for her presentation yet. If there is any way that your team could send us the truly correct files, that would be incredibly beneficial for everyone. Lara will be able to get together the needed figure if you can get her the up-to-date files by 3:30 pm at the latest.

I appreciate any help you can give!

Melissa

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From: Krizek, David [mailto:David.Krizek@tetratech.com]  
Sent: Wednesday, July 14, 2010 11:32 AM  
To: Melissa Reichard  
Cc: Kathy Arnold; Barrios, Francisco; Carrasco, Joel; Lara Mitchell; Jonathan Rigg  
Subject: RE: Tetra Tech ftp site for SWCA file sharing

Melissa,

I have just updated the excel spreadsheet (see file dated today) with some updated "dates". I also noticed that there were some inconsistencies between the four directories. I did a bit of rearranging so that the spreadsheet now matches the directories for each alternative.

All current files are loaded.

Please use the final "reclamation" surfaces where available and not the stacking surfaces since the footprints do change between the two, especially for the Barrel Only Alternative. We had the final shape for Barrel Only done a few weeks ago but we were just verifying the internal sequencing. An exception is Scholefield. A shaped version of the Scholefield Alternative does not exist. However, whatever shaping is ultimately done to Scholefield Option, if needed, would remain within the stacking footprint.

FYI. Francisco did update the Scholefield Alternative yesterday (added grading and cover to extended heap leach pad). We are now going back to the two leach pad design.

We also have been modifying fence lines, wells, etc. Whatever is there is now good.

We will be meeting with Marcie on Friday to make sure we get all other remaining information that is needed/expected, etc.

Still trying to gather all of the requested files.

What road or roads besides the primary access and the west access roads (Barrel Only) do you need for today?

Do you have the GIS files for the utility corridors to the north/northwest and to the south? Can you please send those to me or load on the ftp site in the appropriate .

Sincerely,

David Krizek | Principal  
Main: 520-297-7723 | Mobile: 520-260-3490 | Fax: 520-297-7724

Tetra Tech

3031 West Ina Road | Tucson, AZ 85741 | [www.tetrattech.com](http://www.tetrattech.com)

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- Barrel\_alt\_chap2.pdf

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Sep 21 2009 20:38:45 EDT  
**To:** "dennis l. turner" <turner.dennis@azdeq.gov>  
**CC:**  
**Subject:** RE: 9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thank you.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Dennis L. Turner" <Turner.Dennis@azdeq.gov>  
09/21/2009 05:01 PM

To  
<beverson@fs.fed.us>  
cc

Subject  
RE: 9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)

Bev:  
This is to confirm I WILL attend your meeting Tuesday, 9/22.

.....  
Dennis L. Turner, R.G.  
Arizona Department of Environmental Quality  
Surface Water Section  
1110 W. Washington St. MC 5415 A-1  
Phoenix, AZ 85007

From: Reta Laford [mailto:rlaford@fs.fed.us]

Sent: Friday, September 18, 2009 6:35 PM

To: brocious@base.sao.arizona.edu; Cindy\_Alvarez@blm.gov; daniel\_moore@blm.gov; Dennis L. Turner; David\_Jacobs@azag.gov; falco@cfa.harvard.edu; gfleming@asmi.az.gov; jmarques@ci.sahuarita.az.us; jmtannler@azwater.gov; julia.fonseca@pima.gov; jwindes@azgfd.gov; karen.howe@tonation-nsn.gov; lagrignano@azwater.gov; lee.allison@azgs.az.gov; Leslie.liberti@tucsonaz.gov; LSwartzbaugh@asmi.az.gov; madan.singh@mines.az.gov; mark.harting@aztucs.af.mil; Marjorie.E.Blaine@usace.army.mil; nicole.ewing-gavin@tucsonaz.gov; nicole.fyffe@pima.gov; ohenderson@ci.sahuarita.az.us; rcasavant@azstateparks.gov; stahle@ci.sahuarita.az.us  
Cc: Beverley A Everson; Melinda D Roth; Teresa Ann Ciapusci; Jeanine Derby; Reta Laford; gcheniae@cox.net; karnold@rosemontcopper.com; jsturgess@augustaresource.com; ccoyle@swca.com; tferguson@swca.com; Salek Shafiqullah; Roger D Congdon  
Subject: 9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)

At yesterday's Cooperating Agency Coordination Meeting, many of you requested a more open sharing of information and the opportunity to interact more with the involved specialists.

Acknowledging your request, I am sharing with you that on Tuesday (9/22/09) there will be a technology transfer meeting about the latest Rosemont Copper Project Reclamation Stormwater Management Technology. Although this meeting was previously set for the specific purpose of sharing technical information with our agency and contracted specialists, I am extending an invitation to those of you who specialize in this area.

David Krizek, the Senior Civil Engineer with Tetra Tech will be presenting this topic. Forest Service attendees include Salek Shafiqullah and Roger Congdon. SWCA consultant/subconsultant attendees include Dale Ortman and Toby Leeson.

The meeting will be in the Federal Building. It will start at 1:00 and is expected to last three hours.

Please contact Bev Everson (beverson@fs.fed.us, 520-388-8428) if you plan to attend.

(Bev - Please see if room 4B is available for use)

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)

Fax: 520-388-8305

Email: rlaford@fs.fed.us

-----  
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**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Sep 21 2009 20:40:57 EDT  
**To:** "joggerst, jamie" <jamie.joggerst@tetrattech.com>  
**CC:**  
**Subject:** RE: Jamie Joggerst FYI -Fw: 9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)

**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi Jamie,

Sorry I didn't respond to your request earlier today; I've been in meetings all afternoon.

Cooperating agency attendees include:

Pima County - Julia Fonseca, Evan Canfield and Mark Krieski.

ADEQ - Dennis Turner.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Joggerst, Jamie" <Jamie.Joggerst@tetrattech.com>  
09/21/2009 01:27 PM

To  
Beverley A Everson <beverson@fs.fed.us>  
cc  
"Krizek, David" <David.Krizek@tetrattech.com>  
Subject  
RE: Jamie Joggerst FYI -Fw: 9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)

Bev,

I just wanted to confirm that the only thing we need to bring to the meeting is our laptop with the PowerPoint slides. We assume you have a projector available in Room 6V6.

And have you had any responses back from the cooperating agencies? Do you know who will be attending?

Jamie Joggerst | Geotechnical Engineer  
Phone: 520-297-7723 | Fax: 520-297-7724 | Cell: 520-820-7775  
jamie.joggerst@tetrattech.com

Tetra Tech  
3031 West Ina Road | Tucson, AZ 85741 | www.tetrattech.com

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From: Reta Laford [mailto:rlaford@fs.fed.us]  
Sent: Friday, September 18, 2009 6:55 PM  
To: Joggerst, Jamie  
Cc: gcheniae@cox.net; karnold@rosemontcopper.com; jsturgess@augustaresource.com; Reta Laford; Beverley A Everson  
Subject: Jamie Joggerst FYI -Fw: 9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)

Jamie Joggerst - FYI. I just found your email and wanted you to be aware of this. Note that I expect you to make the meeting run effectively. That means you should set the sideboards for your presentation, taking questions, having discussion, etc. as needed.

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)  
Fax: 520-388-8305  
Email: rlaford@fs.fed.us

----- Forwarded by Reta Laford/R3/USDAFS on 09/18/2009 06:50 PM -----

Reta Laford/R3/USDAFS  
09/18/2009 06:34 PM

To  
brocious@base.sao.arizona.edu, Cindy\_Alvarez@blm.gov, daniel\_moore@blm.gov, dt1@azdeq.gov,  
David\_Jacobs@azag.gov, falco@cfa.harvard.edu, gfleming@asmi.az.gov, jmarques@ci.sahuarita.az.us,  
jmtannler@azwater.gov, julia.fonseca@pima.gov, jwindes@azgfd.gov, karen.howe@tonation-nsn.gov,  
lagrignano@azwater.gov, lee.allison@azgs.az.gov, Leslie.liberti@tucsonaz.gov, LSwartzbaugh@asmi.az.gov,  
madan.singh@mines.az.gov, mark.harting@aztucs.af.mil, Marjorie.E.Blaine@usace.army.mil,  
nicole.ewing-gavin@tucsonaz.gov, nicole.fyffe@pima.gov, ohenderson@ci.sahuarita.az.us,

rcasavant@azstateparks.gov, stahle@ci.sahuarita.az.us

cc

Beverley A Everson/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, Jeanine Derby/R3/USDAFS@FSNOTES, Reta Laford/R3/USDAFS@FSNOTES, gcheniae@cox.net, karnold@rosemontcopper.com, jsturgess@augustaresource.com, ccoyle@swca.com, tferguson@swca.com, Salek Shafiquallah/R3/USDAFS@FSNOTES, Roger D Congdon/R3/USDAFS@FSNOTES

Subject

9/22/09 Rosemont Copper Project Technology Transfer Meeting (Stormwater Management)

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Please contact Bev Everson (beverson@fs.fed.us, 520-388-8428) if you plan to attend.

(Bev - Please see if room 4B is available for use)

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)

Fax: 520-388-8305

Email: rlaford@fs.fed.us

-----

**From:** e webb <rinconvalleyis@hotmail.com>  
**Sent:** Fri Mar 14 2008 15:58:22 EDT  
**To:** jeanine derby <jderby@fs.fed.us>;jj lamb <jjlambken@yahoo.com>  
beverley a everson <beverson@fs.fed.us>;charlotte cook <ccook520@aol.com>;davita mueller <davitamueller@cox.net>;sandy whitehouse <deadlass14@msn.com>;richard elias <district5@pima.gov>;faye fentiman <ffentiman@gmail.com>;faye fentiman <ffentiman@fs.fed.us>;new anne gibson <gibson@q.com>;heidi schewel <hschewel@fs.fed.us>;john able <jable@fs.fed.us>;nicole f pima county <nicole.fyffe@pima.gov>;reta laford <rlaford@fs.fed.us>;scott eagan-ray carrolls office <scott.egan@pima.gov>;<tfurgason@swca.com>;"liana abarca-smith (pecan)" <labarca-smith@greenvalleypecan.com>;kim beck <coyotes@cox.net>;"zoe heller epa" <heller.zoe@epamail.epa.gov>;"tim bee" <tbee@azleg.gov>;<karinger@ecr.gov>  
**CC:**  
**Subject:** Mo Udall Center Help- April 5th for Vail Meeting- NEPA Community Input for the Impacted Community me  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Ms. Everson,

We are really trying to make this work, especially give the incredibly short amount of time involved. I am not sure why you will not release an expected time or date before issuing an official release. This community has been overwhelmed with a vast amount of enviromental polluters in recent times and is beginning to suffer from learned helplessness. Additionally, although our general census date may show the income levels on the upper end, many of the stakeholders along Sonoita Highway live in modest manufactured housing and work very hard for their incomes during the week. To ask them to take an entire day (which is what will happen if it is in the middle of the day) on a Saturday to attend a meeting away from their families is not in the spirit of what NEPA intended. We have given the information for a location, worked with 6 community leaders within our bigger area and I am not exactly sure what the resistance to working together is. Whether one is for or against the mine, this is not the way to engage the stakeholders who will be most affected. I am at a loss and have been in contact with the U.S. Institute for Environmental Conflict Resolution as suggested in the Citizen's Guide to the NEPA in the hopes we can resolve this issue quickly.

Thank You,  
Elizabeth Webb  
Vail Team Leader  
247-3838

The Vail Connection

....a drive worth miles in value

Thanks again,

Elizabeth Webb

(520)762-0000

[www.thevailconnection.com](http://www.thevailconnection.com)

> Subject: RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting

space and ra

> To: jjlambken@yahoo.com

> CC: beverson@fs.fed.us; ccook520@aol.com; davitamueller@cox.net; deadlass14@msn.com; district5@pima.gov; ffentiman@gmail.com; ffentiman@fs.fed.us; gibson@q.com; hschewel@fs.fed.us; jable@fs.fed.us; jjlambken@yahoo.com; nicole.fyffe@pima.gov; rinconvalleyis@hotmail.com; rlaford@fs.fed.us; scott.egan@pima.gov; tfurgason@swca.com

> From: jderby@fs.fed.us

> Date: Fri, 14 Mar 2008 11:52:17 -0700

>

> We are glad to accommodate the communities near Vail and will try to come  
> close to the time that you request, however there are many people involved  
> in staffing this open house and all schedules need to be considered. Many  
> of us are volunteering our time with you to provide this opportunity. We  
> will get a news release out soon with the new information. Please note  
> that the meetings are designed in Open House format, so people can come and  
> go as it fits their schedules. Also, it is not necessary to attend a  
> meeting to provide comments. A web address, FAX address and mailing  
> address were announced in the news release and will be repeated in the  
> supplementary release. Thanks for your interest.

>

>

> Jeanine Derby, Forest Supervisor

> Coronado National Forest

> phone: 520 388-8306

> FAX: 520 388-8305

>

>

>

> JJ Lamb

> <jjlambken@yahoo

> .com> To

> E Webb <rinconvalleyis@hotmail.com> ,

> 03/14/2008 10:59 Beverley A Everson

> AM <beverson@fs.fed.us>

> cc

> Richard Elias <district5@pima.gov> ,

> Faye Fentiman <ffentiman@fs.fed.us> ,

> Faye Fentiman <ffentiman@gmail.com> ,

> Heidi Schewel <hschewel@fs.fed.us> ,

> John Able <jable@fs.fed.us> , Jeanine

> Derby <jderby@fs.fed.us> , Nicole F

> Pima County <nicole.fyffe@pima.gov> ,

> Reta Laford <rlaford@fs.fed.us> ,

> Scott Eagan-Ray Carrolls Office

> <scott.egan@pima.gov> ,

> tfurgason@swca.com, Sandy WHITEHOUSE

> <deadlass14@msn.com> , Davita Mueller

> <davitamueller@cox.net> , JJ Lamb

> <jjlambken@yahoo.com> , Charlotte

> Cook <ccook520@aol.com> , new Anne

> Gibson <gibson@q.com>

> Subject

> RE: April 5th for Vail Meeting- NEPA

> Community Input for the Impacted

> Community meeting space and ra

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>



> > of the scheduling.

> >  
> > Just wanted to let you know of our availability as it currently stands,  
> > as  
> > I continue to coordinate with my coworkers.

> >  
> > Bev Everson  
> >  
> > Beverley A. Everson  
> > Forest Geologist  
> > Coronado National Forest  
> > 300 W. Congress Street, 6th Floor  
> > Tucson, AZ. 85701

> >  
> > Voice: 520-388-8428  
> > Fax: 520-388-8305

> >  
> >  
> >  
> > E Webb  
> > <rinconvalleyis@h  
> > otmail.com> To  
> > Faye Fentiman <ffentiman@gmail.com>  
> > 03/13/2008 03:47 cc  
> > PM Beverley A Everson  
> > <beverson@fs.fed.us>, Jeanine Derby  
> > <jderby@fs.fed.us>, Reta Laford  
> > <rlaford@fs.fed.us>,  
> > <tfurgason@swca.com>, Heidi Schewel  
> > <hschewel@fs.fed.us>, John Able  
> > <jable@fs.fed.us>, Faye Fentiman  
> > <ffentiman@fs.fed.us>, Nicole F  
> > Pima County  
> > <nicole.fyffe@pima.gov>, Scott  
> > Eagan-Ray Carrolls Office  
> > <scott.egan@pima.gov>, Richard  
> > Elias <district5@pima.gov>  
> > Subject  
> > April 5th for Vail Meeting- NEPA  
> > Community Input for the Impacted  
> > Community meeting space and rates

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> >  
> > Beverley

> >  
> > I have spoken with the team leaders of Rita Ranch, Corona de Tucson, Old  
> > Sonoita, New Tucson, Hilton Ranch and I am team leader for Vail Proper.  
> > That date will work for us, although we would like to request a time

> near  
> > or around 6pm and for the refreshments we would like to request that  
> there  
> > also be items available for our diabetic and hypoglycemic community  
> > members. (IE salty type items, not just cookies and so on). Nicole Fyffe  
> > from the Pima County administrator's office said that would work as well.  
> >  
> > Thanks again,  
> > Elizabeth Webb  
> > (520)247-3838  
> >  
> >  
> >  
> >  
> >  
> >  
> > CC: beverson@fs.fed.us; jderby@fs.fed.us; rlaford@fs.fed.us;  
> > tfurgason@swca.com; hschewel@fs.fed.us; jable@fs.fed.us;  
> > ffentiman@fs.fed.us; nicole.fyffe@pima.gov  
> > From: ffentiman@gmail.com  
> > Subject: Re: NEPA Community Input for the Impacted Community meeting  
> > space and rates  
> > Date: Thu, 13 Mar 2008 15:07:55 -0700  
> > To: rinconvalleyis@hotmail.com  
> >  
> > This day does not work for me as I have committed to something else  
> > on that day. Faye  
> >  
> > On Mar 13, 2008, at 2:51 PM, E Webb wrote:  
> >  
> > Beverley-  
> >  
> > I will ask around and see if that will work for the others. I  
> > think I am available that day. Do you have a time in mind? Most  
> > parents have activities for their kids in the morning early  
> > afternoon. Would refreshments be served if it is around lunch  
> > or dinner?  
> >  
> > Thanks for considering us,  
> > Elizabeth Webb  
> > 247-3838  
> >  
> >  
> >  
> >  
> > > Subject: Re: NEPA Community Input for the Impacted Community  
> > meeting space and rates  
> > > To: rinconvalleyis@hotmail.com; jderby@fs.fed.us;  
> > rlaford@fs.fed.us; tfurgason@swca.com; hschewel@fs.fed.us;  
> > jable@fs.fed.us; ffentiman@fs.fed.us  
> > > From: beverson@fs.fed.us  
> > > Date: Thu, 13 Mar 2008 14:06:03 -0700  
> > >  
> > > Elizabeth,  
> > >  
> > > We are currently considering Saturday, April 5, as a possible  
> > meeting date.

> > > Could you please pass this information on to others that would  
> > need to  
> > > consider it?

> > >  
> > > Thank you.

> > >  
> > > Bev Everson

> > >  
> > > Beverley A. Everson  
> > > Forest Geologist  
> > > Coronado National Forest  
> > > 300 W. Congress Street, 6th Floor  
> > > Tucson, AZ. 85701

> > >  
> > > Voice: 520-388-8428  
> > > Fax: 520-388-8305

> > >  
> > >  
> > >  
> > >  
> > > E Webb

> > > <rinconvalleyis@h  
> > > otmail.com> To  
> > > <beverson@fs.fed.us>  
> > > 03/13/2008 11:09 cc  
> > > AM "Albert D. Flores"  
> > > <floresa@vail.k12.az.us>, Jeff  
> > > Rutherford  
> > > <rutherfordj@vail.k12.az.us>,  
> > > Nicole F Pima County  
> > > <nicole.fyffe@pima.gov>, Scott  
> > > Eagan-Ray Carrolls Office  
> > > <scott.egan@pima.gov>, Richard  
> > > Elias <district5@pima.gov>, Kim  
> > > Beck <coyotes@cox.net>, Kristen  
> > > Almquist <kalmquist@az.gov>, "Tim  
> > > Bee" <tbee@azleg.gov>  
> > > Subject  
> > > NEPA Community Input for the  
> > > Impacted Community meeting space  
> > > and rates

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> > >  
> > > Ms. Everson,

> > >  
> > > I was asked by Nicole Fyffe to contact you in regard to  
> > possible meeting  
> > > locations in the Vail/Cienega Corridor location.

> > >

> > > I spent some time with Ms. Derby explaining the situation of  
> > how important  
> > > it is that our community is an active participant in this  
> > public process  
> > > from the beginning. Our community will feel direct impacts if  
> > this mine is  
> > > approved. We are already experiencing the direct impact of  
> > increased  
> > > traffic on Sonoita Highway. To wait and see if a 4th meeting  
> > is needed is  
> > > not in the spirit of the NEPA process. I am sure you  
> > understand my  
> > > concerns.

> > >  
> > > I have included the attached facilities rental agreement for  
> > the Vail  
> > > School District with the contact information for Jeff  
> > Rutherford who  
> > > schedules the facilities. Unfortunately the meetings were not  
> > scheduled in  
> > > advance during a time when all of the buildings were empty  
> > during Spring  
> > > Break, although that has its own issues.

> > >  
> > > Some dates we might suggest for consideration are: March  
> > 25th, 26th or 27th  
> > > , or possibly a Saturday, but I would have to check with  
> > Community Leaders  
> > > to see if a Saturday conflicts with other civic activities.

> > >  
> > > Thank you for your consideration,  
> > > Elizabeth Webb  
> > > Community Advocate  
> > > 247-3838

> > >  
> > >  
> > >  
> > >  
> > > From: rutherfordj@vail.k12.az.us  
> > > To: rinconvalleyis@hotmail.com  
> > > CC: floresa@vail.k12.az.us  
> > > Subject: meeting space and rates  
> > > Date: Thu, 13 Mar 2008 10:37:31 -0700

> > >  
> > >  
> > > Hi Elizabeth,  
> > >  
> > > I have not been contacted for any meeting space by anyone  
> > concerning  
> > > the Rosemont Mine. We have space available at our schools I  
> > just need  
> > > a firm date and time. I have also attached our Facility  
> > Rental  
> > > Package that has a rate sheet available. Please let me know  
> > if I can  
> > > be of future help.

> > >

> > > Thanks Jeff R(See attached file: Vail School District  
> > Facility  
> > > Agreement[1].doc)  
> >  
> >  
>  
>  
>  
> Never miss a thing. Make Yahoo your homepage.  
>  
>  
>

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Thu Jul 15 2010 15:33:03 EDT  
**To:** "marcie bidwell" <mbidwell@swca.com>; "jonathan riggs" <jriggs@swca.com>; "kathy arnold" <karnold@rosemontcopper.com>; "krizek, david" <david.krizek@tetrattech.com>  
**CC:** "debby kriegel" <dkriegel@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "trent reeder" <treeder@swca.com>; "tom furgason" <tfurgason@swca.com>; <tjchute@msn.com>  
**Subject:** RE: Visual Data Meeting at Tetra Tech Friday at 8:00  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Marcie-

In previous emails I have asked David Krizek to provide me and Lara (for the use of EIS figures) complete packages for each alternative including any and all shape files associated that are final- itemized list already provided. At this point we have received too much piece-meal for Lara to be certain which files still apply to what. So, I ask that while you are there, TetraTech burn you the packages of files as requested. I can provide an external hard drive for you if that is helpful.

It will be nice to see you!

Thanks!

Mel

From: Marcie Bidwell  
Sent: Thursday, July 15, 2010 11:22 AM  
To: Jonathan Rigg; Kathy Arnold; Krizek, David  
Cc: Debby Kriegel; Beverley A Everson; Trent Reeder; Tom Furgason; Melissa Reichard; tjchute@msn.com  
Subject: Re: Visual Data Meeting at Tetra Tech Friday at 8:00

Hello All,

Trent and I are very much looking forward to this meeting. Please let me know if you have any specific goals or agenda. We will send our objectives this afternoon.

Thank you,

Marcie

Sent from my BlackBerry Smartphone provided by Alltel

From: "Jonathan Rigg" <jrigg@swca.com>

Date: Tue, 13 Jul 2010 13:24:49 -0700

To: Kathy Arnold<karnold@rosemontcopper.com>; Krizek, David<David.Krizek@tetrattech.com>

Cc: Debby Kriegel<dkriegel@fs.fed.us>; Beverley A Everson<beverson@fs.fed.us>; Marcie Bidwell<mbidwell@swca.com>; Trent Reeder<treeder@swca.com>; Tom Furgason<tfurgason@swca.com>; Melissa Reichard<mreichard@swca.com>; <tjchute@msn.com>

Subject: Visual Data Meeting at Tetra Tech Friday at 8:00

Kathy and David,

Marcie Bidwell, Trent Reeder, and Debby Kriegel have confirmed their availability to meet at Tetra Tech on Friday at 8:00 a.m. The purpose of the meeting will be to resolve the apparent discrepancies between the data requested and the date provided to date. They will go over their running list of data needs for the Visual Resource analysis and confirm that the data currently being used is the most up to date. Please inform the appropriate staff at Tetra Tech of this meeting. If you have any questions, give me a ring.

Many thanks!

Jonathan Rigg

Environmental Planner

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona

Phone: (520) 325-9194

Fax: (520) 325-2033

Email: jrigg@swca.com

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smt  
**Sent:** Thu Jul 22 2010 10:16:20 EDT  
**To:** beverley a  
everson/r3/usdafs@fsnotes;david.krizek@tetrattech.com;mbidwell@swca.com;karnold@rosemontcopper.com  
**CC:**  
**Subject:** Fw: Rosemont West Access Road, Water Line, and Power Line  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here's most of the answer...

----- Forwarded by Debby Kriegel/R3/USDAFS on 07/22/2010 07:14 AM -----

"Lara Mitchell" <lmitchell@swca.com>  
07/21/2010 01:55 PM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
"Jonathan Rigg" <jrigg@swca.com>, "Melissa Reichard" <mreichard@swca.com>  
Subject  
RE: Rosemont West Access Road, Water Line, and Power Line

Hi Debby

For the MPO and the 3 alternatives the west access road goes through Lopez Pass.  
For the MPO the power line goes through Lopez Pass. For all three alternatives, 4 of the power line alternative routes (Preferred Route, Alternative 1, Preferred sub alternative and sub alternative 1) all go through Lopez Pass, one (Alternative 2) comes through farther south, near Box Canyon Road.  
For the MPO the water line looks like it comes through Lopez Pass. We are still waiting on water line data. I was told by Melissa that we would receive it on Friday. I don't have any info for the Alternatives water lines until we get that data.

So from what I looked at today, no access road or power line goes though Gunsight Pass. I'll have to get back to you on the water line info.  
-Lara

From: Debby Kriegel [mailto:dkriegel@fs.fed.us]  
Sent: Monday, July 19, 2010 1:41 PM  
To: Lara Mitchell  
Cc: Debby Kriegel  
Subject: Rosemont West Access Road, Water Line, and Power Line

Lara,

On Friday, we took a hard drive to Tetra Tech and collected GIS data for the MPO and alternatives. When you're back in the office and have time to review this data, please look at the following files for the MPO and each alternative:

West access road

Power line

Water line

Which are over Gunsight Pass? Which are over Lopez Pass?

Thanks!!

~~~~~  
Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

Agency	Alt Element	IDT Thoughts	IDT Member (s)
ADWR	Sycamore Canyon- slurry tailings increase water demands	consider during analysis	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
ADWR	Surface water diversion- additional permits could be required	consider during analysis	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Air Force	Scholefield Cyn- increase flight altitude	disclose impacts	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Air Force	Sycamore Canyon- no impact on flights	disclose impacts	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Air Force	Barrel Only- no impact on flights	disclose impacts	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
AZ Geological Survey	Waste rock distance- increases fuel consumption	consider during analysis	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
AZ Geological Survey	Tailings conveyance- fossil fuel use	consider during analysis	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
AZ Geological Survey	Tailings site elevation- more dust emissions	consider during analysis	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
AZ State Parks		nothing applicable to alternatives	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
ACOE	Section 404 permit alternatives	still awaiting information from RCC- needs to be included in project management discussions to coordinate efforts	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
AZ Dept of Mines & Mineral Resources		nothing applicable to alternatives	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	July 28, 2009 Item #1- pit backfill	The feasibility of backfill will be validated by SRK, hydrology effects of alternatives will be analyzed including aquifer drawdown	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	July 28, 2009 Item #2- allow some mining without modifying Forest Plan	Outside the purpose and need of the project	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah

Pima County	July 28, 2009 Item #3- pit diversion channel	Stormwater diversion designs for all project facilities are being considered- suggestion will be forwarded to RCC and discussed at September stormwater tech transfer meeting. Diversion of stormwater around the pit would result in limited benefit because of topography and minimal watershed area.	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	July 28, 2009 Item #4 & 5- CAP water	4- The Forest will consider this part of the affected environment because CAP recharge is outside the scope of this project. 5- Salek	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	July 28, 2009 Item #6- microbial leaching	The acid leaching process is for the oxide ore, not the sulfide ore. So, need clarification regarding the process they describe and the ore it pertains to. Hazardous materials were part of the public comment and are covered by current law, regulation and policy	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	July 28, 2009 Item #7- replacement of internal combustion engines in equipment	Economic and technical feasibility will be reviewed by SRK and emission effects will be analyzed. Pima County has the jurisdiction and ability to negotiate this with RCC directly utilizing the PAG's travel reduction program for employers over 300 employees.	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	July 28, 2009 Item #8- more stringent than submerged fill for fuel tanks	Pima County has the jurisdiction and ability to enforce this with RCC directly with their permitting abilities. Need clarification as what Pima County is requesting the Forest to consider	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #1- More analysis needed before alternatives	process issue	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	Aug 28, 2009 Item #2- Tunnel through Santa Ritas, railroad to put waste in Green Valley mine sites	Important to forward to SWCA to develop rationale and SRK professional opinions on this element and, if shown to be practicable, inquire with property owners and management agencies for ROW issues and inquire with the other mines will accept the waste	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	Aug 28, 2009 Item #3- Economic feasibility- request for independent evaluation	SRK professional opinions on each of these items	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	Aug 28, 2009 Item #4- information request	done	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	Aug 28, 2009 Item #5- Alternative considering other mineral deposits	Not within the current proposed action as proposed by the Proponent and not within the authority of the FS to require this-- send to SRK	Bev, Walt, Mindee

Pima County	Aug 28, 2009 Item #6- Smaller pit and/or alternate pit designs	Smaller pit and shifting location would be a taking because it would not access viable ore, Pit stability was within Call & Nicholas design, Area topography effects locations of other mine features--send to SRK	Bev, Dale
Pima County	Aug 28, 2009 Item #7- Barrel Canyon Watershed preservation concerns	consider during analysis and mitigation possibilities, Alternatives represent clear trade-offs and Scholefield keeps Barrel Cyn clear	Mindee, Salek, Kriegel
Pima County	Aug 28, 2009 Item #8- Sycamore Cyn TAMA recharge concerns	consider during analysis, Alternatives represent clear trade-offs and two alternatives do not place anything in Sycamore	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	Aug 28, 2009 Item #9a- new alternative idea- Scholefield/Upper Barrel	Upper Barrel does not have sufficient volume to accomodate all of the waste rock. This was considered when formulating the Scholefield/McCleary alternative	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	Aug 28, 2009 Item #9b- new alternative idea- smaller pit, smaller volume of tails and waste in Upper Barrel	IDT will forward to Rosemont to consider feasibility and to SRK to confirm	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	Aug 28, 2009 Item #9c- new alternative idea- Upper Oak Tree Canyon	The Barrel Only alternative is similar and addresses visual, hydrologic (direct tributary to Las Cienegas) and heritage issues. Input received during the Cooperator brainstorming exercise from ADEQ and BLM echoed the team's concern for Las Cienegas. Associated map labeled "Southeast Claims Alternative" does not illustrate the written description in item 9, but is still addressed in the Barrel Only alternative.	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob, Sebesta, Sarah, Bill
Pima County	Aug 28, 2009 Item #10- re-address horseshoe alternative	The driver for this alternative is addressed in another alternative that would be more beneficial in other areas	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	Aug 28, 2009 Item #11- request to find another consideration to not cover cultural resources	The driver for this alternative is addressed in another alternative that would be more beneficial in other areas. Heritage Resources has been a main driver in the Alternative process	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob

Pima County	Aug 28, 2009 Item #12- request for alternate places for facilities to private land	The majority of RCC's private land is on the West side of the ridge and the IDT decided that they would not consider placement over the ridge, Laws require access to other mineralized claims and economically feasibility to acquire other private lands not controlled by Rosemont, moving smaller facilities to private lands out of the area would increase impacts just to create roads and access to them	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	Aug 28, 2009 Item #13- GIS shape files	Mel follow up with TA	
Pima County	Aug 28, 2009 Item #14- Alternative well field locations	Driver unknown for this item, permits have been issued already, IDT will forward request to RCC for consideration	Salek, Eli, Mindee, Tami, Alan, Kriegel, Bev, Walt, Bob
Pima County	Aug 28, 2009 Item #15- Landscape of Santa Ritas a TCP? Stage of tribal consultation?	SWCA is addressing TCP and will be submitting report to FS. The FS has communicating with Pima County about progress in this consultation. Most feedback received from tribes when discussing alternatives has been regarding preserving arch sites. This has been a driver for considering alternatives. Landscapes will also be considered when refining the alternatives to emulate natural land forms. Continue to discuss traditional cultural landscapes in analysis.	Bill, Kriegel, Sarah
Pima County	Aug 28, 2009 Item #16- scope of alternatives too large to avoid sensitive cultural sites	Currently validating the pit size needed. The alternatives have been designed to avoid as many sensitive cultural sites as possible	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item#17- Section 106 compliance	compliance and consultation are required and on-going and mitigations will be negotiated and decided in the future with Cooperators, tribes and SHPO	Bill
Pima County	Aug 28, 2009 Item #18- Barrel Canyon alternative falsely represented	This has been recognized, corrected and further clarified that the alternative will avoid the Ballcourt site.	Bill, Mindee
Pima County	Aug 28, 2009 Item #19	done	Bill, Mindee, Bev
Pima County	Aug 28, 2009 Item #20- mitigation measure list incomplete	TA ask Pima County for missing ideas	Mindee, Bev
Pima County	Aug 28, 2009 Item #21- pit diversion options	Stormwater diversion designs for all project facilities are being considered- suggestion will be forwarded to RCC and discussed at September stormwater tech transfer meeting. Diversion of stormwater around the pit would result in limited benefit because of topography and minimal watershed area.	Bev

Pima County	Aug 28, 2009 Item #22- confine future mining in permit issuance	Any additional mining and/or processing activities not covered in the final approved MPO would require additional analysis according to law, regulation and policy.	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #23- change stormwater capture design in McCleary	potential mitigation	Bev
Pima County	Aug 28, 2009 Item #24- reconstruct the McCleary drainage at closure	not technically feasible and there is an alternative considering the preservation of McCleary drainage	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #25- designate storage credits	Salek needs to research and respond	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #26- backfilling	SRK will validate feasibility rationale	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #27- different pit configuration	TA- get clarification as to what is specifically meant by the statement	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #28- pit dewatering	TA- get clarification as to what is specifically meant by the statement	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #29- off-site compensatory mitigation	Pima County has the jurisdiction and ability to negotiate this with RCC directly but this is outside FS authority.	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #30- new alternative- no FS lands for power use	Pima County should contact EPG and RCC to have these comments a part of the EPG and Arizona Corp. Commission's analysis and decisionmaking process.	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #31- include lines in analysis	Pima County should contact EPG and RCC to have these comments a part of the EPG and Arizona Corp. Commission's analysis and decisionmaking process.	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #32- transmission line ROW would require Pima Co. approval	Pima County should contact EPG and RCC to have these comments a part of the EPG and Arizona Corp. Commission's analysis and decisionmaking process.	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #33- ROW	Pima County should contact EPG and RCC to have these comments a part of the EPG and Arizona Corp. Commission's analysis and decisionmaking process.	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #34- new and/or extended housing community growth	rate of future growth that has not been permitted is outside the scope of this analysis	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
Pima County	Aug 28, 2009 Item #35- future growth scenarios	rate of future growth that has not been permitted is outside the scope of this analysis, the scope of cumulative effects has not yet been determined and this could be considered within that discussion	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah

Smithsonian		nothing applicable to alternatives, comments will be considered during analysis, vibration modeling in process- TA-clarify sulfur dioxide source	Mindee, Sarah, Bev
Tohono O'dham Nation	no alternatives acceptable considering area is a TCP, area boundaries preliminary	FS and SWCA will continue to work with them to better define the TCP	Bill
Town of Sahuarita	development on west side of ridge would affect quality of life	Removal of the ridge and alternate haul roads are not elements of the alternatives currently being considered. Concerns raised will be considered during analysis of any alternative utilizing Sycamore Canyon tailing storage	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah
City of Tucson		no comments pertaining to alternatives	Bev, Mindee, Sebesta, Kriegel, Bill, Sarah



Salek

TA- clarify with Pima Co

SRK evaluation

TA- clarify with Pima Co

SRK evaluation, Tami  
email with ROW  
judgement, consider letter  
to Pima County and State  
Lands exploring ROW  
approval

SRK evaluation

SRK evaluation

SRK evaluation

Rosemont for technical  
and economic feasibility  
and SRK evaluation

TA

Request to Rosemont

TA

Request to Rosemont



TA

**From:** e webb <rinconvalleyis@hotmail.com>  
**Sent:** Fri Mar 14 2008 17:26:08 EDT  
**To:** "Jones, Joni" <jones.joni@house.gov>; <beverson@fs.fed.us>; <ccook520@aol.com>; <davitamueller@cox.net>; <deadlass14@msn.com>; <district5@pima.gov>; <ffentiman@gmail.com>; <ffentiman@fs.fed.us>; <gibson@q.com>; <hschewel@fs.fed.us>; <jable@fs.fed.us>; <nicole.fyffe@pima.gov>; <rlaford@fs.fed.us>; <scott.egan@pima.gov>; <tfurgason@swca.com>; <labarca-smith@greenvalleypecan.com>; <coyotes@cox.net>; <heller.zoe@epamail.epa.gov>; <tbee@azleg.gov>; <karinger@ecr.gov>; <jderby@fs.fed.us>; <jjambken@yahoo.com>; "Joe carbone (fs)" <jcarbone@fs.fed.us>  
**CC:**  
**Subject:** Rep. Giffords, Thank you- April 5th for Vail Meeting- NEPA Community Input for the Impacted Communit  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Joni,

Thank you for listening to our concerns! Please thank Representative Giffords as well!

I do hope we have been heard in our concerns for the families of our area and the meeting will be held at either Cienega or Empire High School or another centrally located Vail School District School and at a time in the early evening (5-6pm) that all of our families will be able to attend if they so choose. I hope the residents of Benson and Sonoita are as fortunate.

Regardless of the final outcome, it is incredibly nice to know we were heard. Again, I thank you.

Elizabeth Webb  
Vail Team Leader  
247-3838

Subject: RE: Mo Udall Center Help- April 5th for Vail Meeting- NEPA Community Input for the Impacted Communit  
Date: Fri, 14 Mar 2008 16:59:38 -0400  
From: Joni.Jones@mail.house.gov  
To: rinconvalleyis@hotmail.com

The Congresswoman has asked and has had confirmed that the Forest Service will hold a hearing convenient to Vail residents. They are in the process of confirming the time and place. Thank you very much for contacting our office. Let me know if I can be of further assistance.

Joni Jones  
Office Manager,  
Congresswoman Gabrielle Giffords  
1661 N. Swan Suite 112  
Tucson, AZ 85712  
tel: 520 881 3588  
fax: 520 322 9490  
sign-up for e-dates from Congresswoman Giffords at [www.giffords.house.gov](http://www.giffords.house.gov)

From: E Webb [mailto:rinconvalleyis@hotmail.com]  
Sent: Friday, March 14, 2008 4:20 PM  
Cc: Jones, Joni  
Subject: FW: Mo Udall Center Help- April 5th for Vail Meeting- NEPA Community Input for the Impacted Communit

Joni-

Here was my response back. Thanks for any help you can provide.

Elizabeth Webb  
Vail Team Leader  
247-3838

From: rinconvalleyis@hotmail.com  
To: jderby@fs.fed.us; jjambken@yahoo.com  
CC: beverson@fs.fed.us; ccook520@aol.com; davitamueller@cox.net; deadlass14@msn.com; district5@pima.gov; ffentiman@gmail.com; ffentiman@fs.fed.us; gibson@q.com; hschewel@fs.fed.us; jable@fs.fed.us; nicole.fyffe@pima.gov; rlaford@fs.fed.us; scott.egan@pima.gov; tfurgason@swca.com; labarca-smith@greenvalleypecan.com; coyotes@cox.net; heller.zoe@epamail.epa.gov; tbee@azleg.gov; karinger@ecr.gov  
Subject: Mo Udall Center Help- April 5th for Vail Meeting- NEPA Community Input for the Impacted Community me  
Date: Fri, 14 Mar 2008 12:58:22 -0700

Ms. Everson,

We are really trying to make this work, especially give the incredibly short amount of time involved. I am not sure why you will not release an expected time or date before issuing an official release. This community has been overwhelmed with a vast amount of environmental polluters in recent times and is beginning to suffer from learned helplessness. Additionally, although our general census date may show the income levels on the upper end, many of the stakeholders along Sonoita Highway live in modest manufactured housing and work very hard for their incomes during the week. To ask them to take an entire day (which is what will happen if it is in the middle of the day) on a Saturday to attend a meeting away from their families is not in the spirit of what NEPA intended. We have given the information for a location, worked with 6 community leaders within our bigger area and I am not exactly sure what the resistance to working together is. Whether one is for or against the mine, this is not the way to engage the stakeholders who will be most affected. I am at a loss and have been in contact with the U.S. Institute for Environmental Conflict Resolution as suggested in the Citizen's Guide to the NEPA in the hopes we can resolve this issue quickly.

Thank You,  
Elizabeth Webb  
Vail Team Leader  
247-3838

> Subject: RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra  
> To: jjambken@yahoo.com  
> CC: beverson@fs.fed.us; ccook520@aol.com; davitamueller@cox.net; deadlass14@msn.com; district5@pima.gov; ffentiman@gmail.com; ffentiman@fs.fed.us; gibson@q.com; hschewel@fs.fed.us; jable@fs.fed.us; jjambken@yahoo.com; nicole.fyffe@pima.gov; rinconvalleyis@hotmail.com; rlaford@fs.fed.us; scott.egan@pima.gov; tfurgason@swca.com  
> From: jderby@fs.fed.us  
> Date: Fri, 14 Mar 2008 11:52:17 -0700  
>  
> We are glad to accommodate the communities near Vail and will try to come  
> close to the time that you request, however there are many people involved  
> in staffing this open house and all schedules need to be considered. Many







> > To: rinconvalleyis@hotmail.com  
> > CC: floresa@vail.k12.az.us  
> > Subject: meeting space and rates  
> > Date: Thu, 13 Mar 2008 10:37:31 -0700  
> >  
> >  
> > Hi Elizabeth,  
> >  
> > I have not been contacted for any meeting space by anyone  
> > concerning  
> > the Rosemont Mine. We have space available at our schools I  
> > just need  
> > a firm date and time. I have also attached our Facility  
> > Rental  
> > Package that has a rate sheet available. Please let me know  
> > if I can  
> > be of future help.  
> >  
> > Thanks Jeff R(See attached file: Vail School District  
> > Facility  
> > Agreement[1].doc)  
> >  
> >  
> >  
> >  
> > Never miss a thing. Make Yahoo your homepage.  
> >  
> >  
> >

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Mar 14 2008 19:01:02 EDT  
**To:** jj lamb <jjlambken@yahoo.com>  
charlotte cook <ccook520@aol.com>;davita mueller <davitamueller@cox.net>;sandy whitehouse <deadlass14@msn.com>;richard elias <district5@pima.gov>;faye fentiman <ffentiman@gmail.com>;faye fentiman <ffentiman@fs.fed.us>;new anne gibson <gibson@q.com>;heidi schewel <hschewel@fs.fed.us>;john able <jable@fs.fed.us>;jeanine derby <jderby@fs.fed.us>;jj lamb <jjlambken@yahoo.com>;nicole f pima county <nicole.fyffe@pima.gov>;e webb <rinconvalleyis@hotmail.com>;reta laford <rlaford@fs.fed.us>;scott eagan-ray carrolls office <scott.egan@pima.gov>;tfurgason@swca.com  
**CC:**  
**Subject:** RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

J.J.,

The Forest is currently working on confirming a date, time and place for the Vail public meeting. John Able or Heidi Schewel of our communication team will be contacting you with further information about the meeting.

Bev Everson

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

JJ Lamb <jjlambken@yahoo.com>  
03/14/2008 10:59 AM

To  
E Webb <rinconvalleyis@hotmail.com>, Beverley A Everson <beverson@fs.fed.us>  
cc  
Richard Elias <district5@pima.gov>, Faye Fentiman <ffentiman@fs.fed.us>, Faye Fentiman <ffentiman@gmail.com>, Heidi Schewel <hschewel@fs.fed.us>, John Able <jable@fs.fed.us>, Jeanine Derby <jderby@fs.fed.us>, Nicole F Pima County <nicole.fyffe@pima.gov>, Reta Laford <rlaford@fs.fed.us>, Scott Eagan-Ray Carrolls Office <scott.egan@pima.gov>, tfurgason@swca.com, Sandy WHITEHOUSE <deadlass14@msn.com>, Davita Mueller <davitamueller@cox.net>, JJ Lamb <jjlambken@yahoo.com>, Charlotte Cook <ccook520@aol.com>, new Anne Gibson <gibson@q.com>  
Subject  
RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra

Ms. Everson and Fellow Team Members,

I have spoke with my core team in the New Tucson area of the Cienega Corridor and we have decided that later in the evening, 5:30 to 6:00pm would be preferable. A large population within our community have full schedules with family activities and it is important to involve them in the process. I am delighted that the Forest Service has decided to include our area in these important public meetings and look forward to connecting everyone on April 5th.

J.J. Lamb  
New Tucson Team Leader  
762-1073

E Webb <rinconvalleyis@hotmail.com> wrote:  
Beverley,

I appreciate that the paid Forest Service staff might have more availability in the earlier afternoon but we are volunteers and as this is a day when families traditionally have other activities scheduled, the later in the day would be better, especially as the county has agreed to 6pm. I am sure you understand. it is difficult to have to plan around a meeting in middle of the day when we have family responsibilities.

Thanks again,  
Elizabeth Webb  
Vail Team Leader  
(520)247-3838

> Subject: Re: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting  
> space and rates  
> To: rinconvalleyis@hotmail.com  
> CC: district5@pima.gov; ffentiman@fs.fed.us; ffentiman@gmail.com; hschewel@fs.fed.us;  
> jable@fs.fed.us; jderby@fs.fed.us; nicole.fyffe@pima.gov; rlaford@fs.fed.us; scott.egan@pima.gov;  
> tfurgason@swca.com  
> From: beverson@fs.fed.us  
> Date: Thu, 13 Mar 2008 16:16:10 -0700  
>  
> Elizabeth,  
>  
> It's looking like the availability of the Forest Service meeting staff will  
> more likely be earlier in the day, ie. in the afternoon. I am still  
> firming this up, as well as firming up the day, and will keep you informed  
> of the scheduling.  
>  
> Just wanted to let you know of our availability as it currently stands, as  
> I continue to coordinate with my coworkers.  
>  
> Bev Everson  
>  
> Beverley A. Everson  
> Forest Geologist  
> Coronado National Forest  
> 300 W. Congress Street, 6th Floor



>  
> CC: beverson@fs.fed.us; jderby@fs.fed.us; rlaford@fs.fed.us;  
> tfurgason@swca.com; hschewel@fs.fed.us; jable@fs.fed.us;  
> ffentiman@fs.fed.us; nicole.fyffe@pima.gov  
> From: ffentiman@gmail.com  
> Subject: Re: NEPA Community Input for the Impacted Community meeting  
> space and rates  
> Date: Thu, 13 Mar 2008 15:07:55 -0700  
> To: rinconvalleyis@hotmail.com

>  
> This day does not work for me as I have committed to something else  
> on that day. Faye

>  
> On Mar 13, 2008, at 2:51 PM, E Webb wrote:

>  
> Beverley-

>  
> I will ask around and see if that will work for the others. I  
> think I am available that day. Do you have a time in mind? Most  
> parents have activities for their kids in the morning early  
> afternoon. Would refreshments be served if it is around lunch  
> or dinner?

>  
> Thanks for considering us,  
> Elizabeth Webb  
> 247-3838

>  
>  
> > Subject: Re: NEPA Community Input for the Impacted Community  
> meeting space and rates

> > To: rinconvalleyis@hotmail.com; jderby@fs.fed.us;  
> rlaford@fs.fed.us; tfurgason@swca.com; hschewel@fs.fed.us;  
> jable@fs.fed.us; ffentiman@fs.fed.us

> > From: beverson@fs.fed.us  
> > Date: Thu, 13 Mar 2008 14:06:03 -0700

> >  
> > Elizabeth,

> >  
> > We are currently considering Saturday, April 5, as a possible  
> meeting date.

> > Could you please pass this information on to others that would  
> need to  
> > consider it?

> >  
> > Thank you.

> >  
> > Bev Everson

> >  
> > Beverley A. Everson  
> > Forest Geologist  
> > Coronado National Forest  
> > 300 W. Congress Street, 6th Floor  
> > Tucson, AZ. 85701

> >

> > Voice: 520-388-8428  
> > Fax: 520-388-8305  
> >  
> >  
> >  
> >  
> > E Webb  
> > <rinconvalleyis@h  
> > otmail.com> To  
> > <beverson@fs.fed.us>  
> > 03/13/2008 11:09 cc  
> > AM ""Albert D. Flores"  
> > <floresa@vail.k12.az.us>, Jeff  
> > Rutherford  
> > <rutherfordj@vail.k12.az.us>,  
> > Nicole F Pima County  
> > <nicole.fyffe@pima.gov>, Scott  
> > Eagan-Ray Carrolls Office  
> > <scott.egan@pima.gov>, Richard  
> > Elias <district5@pima.gov>, Kim  
> > Beck <coyotes@cox.net>, Kristen  
> > Almquist <kalmquist@az.gov>, "Tim  
> > Bee" <tbee@azleg.gov>  
> > Subject  
> > NEPA Community Input for the  
> > Impacted Community meeting space  
> > and rates

> > Ms. Everson,

> > I was asked by Nicole Fyffe to contact you in regard to  
> > possible meeting  
> > locations in the Vail/Cienega Corridor location.

> > I spent some time with Ms. Derby explaining the situation of  
> > how important  
> > it is that our community is an active participant in this  
> > public process  
> > from the beginning. Our community will feel direct impacts if  
> > this mine is  
> > approved. We are already experiencing the direct impact of  
> > increased  
> > traffic on Sonoita Highway. To wait and see if a 4th meeting  
> > is needed is  
> > not in the spirit of the NEPA process. I am sure you  
> > understand my  
> > concerns.

> >

> > I have included the attached facilities rental agreement for  
> the Vail  
> > School District with the contact information for Jeff  
> Rutherford who  
> > schedules the facilities. Unfortunately the meetings were not  
> scheduled in  
> > advance during a time when all of the buildings were empty  
> during Spring  
> > Break, although that has its own issues.  
> >  
> > Some dates we might suggest for consideration are: March  
> 25th, 26th or 27th  
> > , or possibly a Saturday, but I would have to check with  
> Community Leaders  
> > to see if a Saturday conflicts with other civic activities.  
> >  
> > Thank you for your consideration,  
> > Elizabeth Webb  
> > Community Advocate  
> > 247-3838  
> >  
> >  
> >  
> > From: rutherfordj@vail.k12.az.us  
> > To: rinconvalleyis@hotmail.com  
> > CC: floresa@vail.k12.az.us  
> > Subject: meeting space and rates  
> > Date: Thu, 13 Mar 2008 10:37:31 -0700  
> >  
> >  
> > Hi Elizabeth,  
> >  
> > I have not been contacted for any meeting space by anyone  
> concerning  
> > the Rosemont Mine. We have space available at our schools I  
> just need  
> > a firm date and time. I have also attached our Facility  
> Rental  
> > Package that has a rate sheet available. Please let me know  
> if I can  
> > be of future help.  
> >  
> > Thanks Jeff R(See attached file: Vail School District  
> Facility  
> > Agreement[1].doc)  
>  
>

Never miss a thing. Make Yahoo your homepage.

RE: Rosemont Assignments reminders

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Oct 29 2009 13:50:21 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "suzanne griset" <sgriset@swca.com>  
**Subject:** RE: Rosemont Assignments reminders  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I was aware of this issue. Suzanne missed the deadline for production and sent her section directly to Bill and Mary.

Tom

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Thursday, October 29, 2009 10:49 AM  
To: Tom Furgason  
Subject: Fw: Rosemont Assignments reminders

FYI, more MIA from the DEIS.

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 10/29/2009 10:47 AM -----

Mary M Farrell/R3/USDAFS

10/28/2009 03:33 PM

To

Beverley A Everson/R3/USDAFS@FSNOTES

cc

Melinda D Roth/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES

Subject

Re: Rosemont Assignments remindersLink

Hi, Bev -- Bill G and I are reviewing section 3.7, cultural resources. Note that this section is not posted on the website, near as I can tell, but Suzanne Griset of SWCA sent it directly to us.

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
CoronadoNational Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

Beverley A Everson/R3/USDAFS

10/28/2009 01:58 PM

To

Melinda D Roth/R3/USDAFS@FSNOTES

CC

abelauskas@fs.fed.us, aelek@fs.fed.us, awcampbell@fs.fed.us, baschneider@fs.fed.us, cablair@fs.fed.us, ccleblanc@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, hschewel@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Melinda D Roth/R3/USDAFS@FSNOTES, mfarrell@fs.fed.us, mkaplan@fs.fed.us, rlaford@fs.fed.us, rlefevre@fs.fed.us, rmraley@fs.fed.us, seanlockwood@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, tciapusci@fs.fed.us, temmett@fs.fed.us, wgillespie@fs.fed.us, wkeyes@fs.fed.us

Subject

Re: Rosemont Assignments remindersLink

Please help my coordination of the DEIS draft review by telling my what sections each of you is reviewing or has reviewed. I would really appreciate this information by COB today, so that I have time to fill in gaps. Thank you - Bev

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Melinda D Roth/R3/USDAFS

10/28/2009 01:11 PM

To

dkriegel@fs.fed.us, dsebesta@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, wkeyes@fs.fed.us, hschewel@fs.fed.us, temmett@fs.fed.us, gmckay@fs.fed.us, rlefevre@fs.fed.us, aelek@fs.fed.us, abelauskas@fs.fed.us, ecuriel@fs.fed.us, mfarrell@fs.fed.us, wgillespie@fs.fed.us, ccleblanc@fs.fed.us, seanlockwood@fs.fed.us, ljones02@fs.fed.us, awcampbell@fs.fed.us, rmraley@fs.fed.us, cablair@fs.fed.us, mkaplan@fs.fed.us, baschneider@fs.fed.us

cc

Melinda D Roth/R3/USDAFS@FSNOTES, rlaford@fs.fed.us, beverson@fs.fed.us, tciapusci@fs.fed.us, kellett@fs.fed.us

Subject

Rosemont Assignments reminders

Reta shared with me specific expectations regarding review and comment on the DEIS. Following Reta's guidance should produce the needed information.

See that every section of Chapter 3 is assigned to a team member to review and comment on. - Bev

Review the legal framework and identify, with specificity, needed corrections and additions. -IDT members  
Review and critique bounds of analysis, assuming both east side and west side activities - IDT members  
Closely review the affected environment descriptions, identifying corrections and additions. - IDT members  
For the effects analysis, critique the approaches presented in light of what our agency norms are. - IDT members

Thanks, in advance, for your hard work and professionalism.

Mindee Roth  
CoronadoNational Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Mar 14 2008 19:42:02 EDT  
**To:** e webb <rinconvalleyis@hotmail.com>;john able/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes  
**CC:**  
**Subject:** RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Elizabeth,

I will let Heidi or John brief you on this as they are the ones with the most up to date information on the meeting scheduling.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

E Webb <rinconvalleyis@hotmail.com>  
03/14/2008 04:22 PM

To  
Beverley A Everson <beverson@fs.fed.us>  
cc

Subject  
RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra

Ms. Everson,

Thank you for working with us.

Do you have an idea if it is still going to be on a Saturday or if it will be on a weekday or scheduled at one of the schools? (tentatively speaking?). We are trying to get an idea of our own schedules

I may be contacted by Mr. Able or Ms.Schewel at 247-3838.

Elizabeth Webb  
Vail Team Leader  
247-3838

> Subject: RE: April 5th for Vail Meeting- NEPA Community Input for the Impacted Community meeting space and ra

> To: jjlambken@yahoo.com

> CC: ccook520@aol.com; davitamueller@cox.net; deadlass14@msn.com; district5@pima.gov; ffentiman@gmail.com; ffentiman@fs.fed.us; gibson@q.com; hschewel@fs.fed.us; jable@fs.fed.us; jderby@fs.fed.us; jjlambken@yahoo.com; nicole.fyffe@pima.gov; rinconvalleyis@hotmail.com; rlaford@fs.fed.us; scott.egan@pima.gov; tfurgason@swca.com

> From: beverson@fs.fed.us

> Date: Fri, 14 Mar 2008 16:01:02 -0700

>

> J.J.,

>

> The Forest is currently working on confirming a date, time and place for the Vail public meeting. John Able or Heidi Schewel of our communication team will be contacting you with further information about the meeting.

>

> Bev Everson

>

>

> Beverley A. Everson

> Forest Geologist

> Coronado National Forest

> 300 W. Congress Street, 6th Floor

> Tucson, AZ. 85701

>

> Voice: 520-388-8428

> Fax: 520-388-8305

>

>

>

>

> JJ Lamb

> <jjlambken@yahoo.

> com> To

> E Webb

> 03/14/2008 10:59 <rinconvalleyis@hotmail.com> ,

> AM Beverley A Everson

> <beverson@fs.fed.us>

> cc

> Richard Elias <district5@pima.gov> ,

> Faye Fentiman

> <ffentiman@fs.fed.us> , Faye

> Fentiman <ffentiman@gmail.com> ,

> Heidi Schewel <hschewel@fs.fed.us> ,

> John Able <jable@fs.fed.us> ,

> Jeanine Derby <jderby@fs.fed.us> ,

> Nicole F Pima County

> <nicole.fyffe@pima.gov> , Reta

> Laford <rlaford@fs.fed.us> , Scott

> Eagan-Ray Carrolls Office



> > To: rinconvalleyis@hotmail.com  
> > CC: district5@pima.gov; ffentiman@fs.fed.us; ffentiman@gmail.com;  
> > hschewel@fs.fed.us; jable@fs.fed.us; jderby@fs.fed.us;  
> > nicole.fyffe@pima.gov; rlaford@fs.fed.us; scott.egan@pima.gov;  
> > tfurgason@swca.com  
> > From: beverson@fs.fed.us  
> > Date: Thu, 13 Mar 2008 16:16:10 -0700  
> >  
> > Elizabeth,  
> >  
> > It's looking like the availability of the Forest Service meeting staff  
> > will  
> > more likely be earlier in the day, ie. in the afternoon. I am still  
> > firming this up, as well as firming up the day, and will keep you  
> > informed  
> > of the scheduling.  
> >  
> > Just wanted to let you know of our availability as it currently stands,  
> > as  
> > I continue to coordinate with my coworkers.  
> >  
> > Bev Everson  
> >  
> > Beverley A. Everson  
> > Forest Geologist  
> > Coronado National Forest  
> > 300 W. Congress Street, 6th Floor  
> > Tucson, AZ. 85701  
> >  
> > Voice: 520-388-8428  
> > Fax: 520-388-8305  
> >  
> >  
> >  
> > E Webb  
> > <rinconvalleyis@h  
> > otmail.com> To  
> > Faye Fentiman <ffentiman@gmail.com>  
> > 03/13/2008 03:47 cc  
> > PM Beverley A Everson  
> > <beverson@fs.fed.us>, Jeanine Derby  
> > <jderby@fs.fed.us>, Reta Laford  
> > <rlaford@fs.fed.us>,  
> > <tfurgason@swca.com>, Heidi Schewel  
> > <hschewel@fs.fed.us>, John Able  
> > <jable@fs.fed.us>, Faye Fentiman  
> > <ffentiman@fs.fed.us>, Nicole F  
> > Pima County  
> > <nicole.fyffe@pima.gov>, Scott  
> > Eagan-Ray Carrolls Office  
> > <scott.egan@pima.gov>, Richard  
> > Elias <district5@pima.gov>  
> > Subject  
> > April 5th for Vail Meeting- NEPA  
> > Community Input for the Impacted  
> > Community meeting space and rates



> >  
> >  
> >  
> > > Subject: Re: NEPA Community Input for the Impacted Community  
> > meeting space and rates  
> > > To: rinconvalleyis@hotmail.com; jderby@fs.fed.us;  
> > rlaford@fs.fed.us; tfurgason@swca.com; hschewel@fs.fed.us;  
> > jable@fs.fed.us; ffentiman@fs.fed.us  
> > > From: beverson@fs.fed.us  
> > > Date: Thu, 13 Mar 2008 14:06:03 -0700  
> > >  
> > > Elizabeth,  
> > >  
> > > We are currently considering Saturday, April 5, as a possible  
> > meeting date.  
> > > Could you please pass this information on to others that would  
> > need to  
> > > consider it?  
> > >  
> > > Thank you.  
> > >  
> > > Bev Everson  
> > >  
> > > Beverley A. Everson  
> > > Forest Geologist  
> > > Coronado National Forest  
> > > 300 W. Congress Street, 6th Floor  
> > > Tucson, AZ. 85701  
> > >  
> > > Voice: 520-388-8428  
> > > Fax: 520-388-8305  
> > >  
> > >  
> > >  
> > > E Webb  
> > > <rinconvalleyis@h  
> > > otmail.com> To  
> > > <beverson@fs.fed.us>  
> > > 03/13/2008 11:09 cc  
> > > AM "Albert D. Flores"  
> > > <floresa@vail.k12.az.us>, Jeff  
> > > Rutherford  
> > > <rutherfordj@vail.k12.az.us>,  
> > > Nicole F Pima County  
> > > <nicole.fyffe@pima.gov>, Scott  
> > > Eagan-Ray Carrolls Office  
> > > <scott.egan@pima.gov>, Richard  
> > > Elias <district5@pima.gov>, Kim  
> > > Beck <coyotes@cox.net>, Kristen  
> > > Almquist <kalmquist@az.gov>, "Tim  
> > > Bee" <tbee@azleg.gov>  
> > > Subject  
> > > NEPA Community Input for the  
> > > Impacted Community meeting space  
> > > and rates  
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> > > Ms. Everson,  
> > >

> > > I was asked by Nicole Fyffe to contact you in regard to  
> > possible meeting  
> > > locations in the Vail/Cienega Corridor location.

> > > I spent some time with Ms. Derby explaining the situation of

Outstanding technical reports, data requests  
August 4, 2010

#### Groundwater Hydrology

- Tetra Tech Sensitivity Analysis – July 28
- Tetra Tech Impact Analysis – July 30
- E.L. Montgomery Results of Draft base simulation for projections of pit dewatering, lake formation and drawdown contours – July 2 ??
- E.L. Montgomery Figures showing model results of steady-state and transient sensitivity analysis – July 9?? (The Forest Service has received some figures)
- E.L. Montgomery Draft text, tables, and figures for models – July 16???
- E.L. Montgomery figures showing predictive sensitivity simulations – July 23
- E.L. Montgomery Re-issue groundwater report – July 30
- Effects to Davidson Canyon by pit drawdown (update with new groundwater model info)
- Fate and Transport (Comments and updates still being negotiated/completed)

Geochemistry questions – Details on Composite samples from Tetra Tech

Lighting details for Dark Sky Partners

Surface water models using updated groundwater hydrology model

Monitoring Plans – Westland – July 30

Outstanding reports...

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Wed Aug 04 2010 15:13:35 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Outstanding reports...  
**Attachments:** Outstanding technical reports Aug2010.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The Tetra Tech and Montgomery groundwater info was to be delivered to the Forest Service according to Rosemont's June 24th memo.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Nov 09 2009 19:08:56 EST  
**To:** <beverson@fs.fed.us>  
**CC:**  
**Subject:** FW: DRAFT Scope of Work recs  
**Attachments:** Recommendations for Scope of Work for SWCA on Proposed Rosemont Copper Mine Project Nov 2009.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

From: Larry Jones [mailto:ljones02@fs.fed.us]  
Sent: Friday, November 06, 2009 4:02 PM  
To: jim\_rorabaugh@fws.gov; msredl@azgfd.gov; jason\_douglas@fws.gov; Julia.Fonseca@rfcd.pima.gov; Mike\_Martinez@fws.gov; Tom Furgason; Marcia\_Radke@blm.gov; turner.dennis@azdeq.gov; lagrignano@azwater.gov; rcasavant@azstateparks.gov; jsorensen@azgfd.gov; Cat\_Crawford@fws.gov; doug\_duncan@fws.gov; Marit\_Alanen@fws.gov; Jeff\_Simms@blm.gov; sidner@u.arizona.edu; JWindes@azgfd.gov; karen.howe@tonation-nsn.gov; tsnow@azgfd.gov; Geoff Soroka; abest@westlandresources.com; SEhret@azgfd.gov; dtilton@azgfd.gov; mwalton@azgfd.gov; Richard A Gerhart; Bobbi L Barrera; Deborah K Sebesta; Ken Kertell; blindenlaub@westlandresources.com; scott\_richardson@fws.gov; Keith\_Hughes@blm.gov; Marjorie.E.Blaine@usace.army.mil  
Cc: Robert Lefevre; Salek Shafiqullah; Melinda D Roth; Beverley A Everson  
Subject: DRAFT Scope of Work recs

Rosemont Bio Coopers and FWS--

At our last Interdisciplinary Team meeting, I was tasked to come up with a list of needs ("to do") for our consultants, SWCA, who are doing most of the busy work and report writing for us (but we still do oversight, of course). This is what I put together...I sent it out internally also...I think our administrators need this info pretty soon, so if you have any comments, please get them back to me...of course, this is just a set of recommended products. I'm not the decision-maker, but in my minds eye, these are the wildlife, fish, and rare plan items that came to mind, developed in part, from our informal coop bio meeting a couple weeks ago and your recent comments for draft DEIS. So let me know if you think I am missing the boat on anything...

And FYI...I was asked by some of you if we could share the partial draft DEIS document, but it is too drafty of a draft to share with cooperators right now. The word is that you will get to see chapters 1 and 2 first after we refine it a bit better. Thanks for your patience and interest in this project.

Larry Jones  
Wildlife, Fish, and Rare Plants  
CoronadoNational Forest

FW: DRAFT Scope of Work recs

300 W Congress  
Tucson, AZ85701

520-388-8375

ljones02@fs.fed.us - Recommendations for Scope of Work for SWCA on Proposed Rosemont Copper Mine  
Project Nov 2009.docx

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Mar 20 2008 16:13:27 EDT  
**To:** "reta laford" <rlafor@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "andrea w campbell" <awcampbell@fs.fed.us>  
**Subject:** FW: CEQA cooperating agency guidance  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

FYI

---

From: Al Herson  
Sent: Thursday, September 13, 2007 10:58 AM  
To: Tom Furgason  
Subject: CEQA cooperating agency guidance

Attached are links to the CEQ memo on cooperating agencies, and the list of factors that should be considered in determining cooperating agencies. The third link is a sample memo inviting a state or local agency to be a cooperating agency that has some language (e.g., building partnerships, accepting final decision) applicable to Pima County.

<http://www.nepa.gov/nepa/regs/cooperating/cooperatingagenciesmemorandum.html>

<http://www.nepa.gov/nepa/regs/cooperating/cooperatingagencymemofactors.html>

<http://www.nepa.gov/nepa/regs/cooperating/cooperatingagenciesdistributionmemo2.htm>

Al Herson

Principal

SWCA Environmental Consultants

3840 Rosin Court, Suite 130

Sacramento CA 95834

916-565-0356 office

916-834-7406 mobile

916-565-0757 fax

aherson@swca.com

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Jan 14 2008 18:07:36 EST  
**To:** "andrea w campbell" <awcampbell@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>  
**Subject:** RE: Draft of Rosemont/FS MOU  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Andrea,

We have reviewed the draft MOU and don't have any comments. You did a nice job keeping everything clear and consistent. Please let me know when the CNF sends this to Rosemont.

Tom

-----Original Message-----

From: Andrea W Campbell [mailto:awcampbell@fs.fed.us]  
Sent: Thursday, January 10, 2008 3:26 PM  
To: Tom Furgason  
Subject: Draft of Rosemont/FS MOU

for you to copy and distribute in your meeting today.

hasn't been proofread yet, i just finished putting into the required FS format.

a

Andrea Wargo Campbell  
Coronado National Forest  
NEPA Coordinator and FOIA Officer  
300 West Congress Street  
Tucson, AZ 85701  
520 388 8352  
520 237 0694  
awcampbell@fs.fed.us  
(See attached file: Rosemont FS MOU andrea 1-10.rtf.doc)

RE: FW: SOQ

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Mar 25 2008 18:49:18 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** RE: FW: SOQ  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

You may share these with other CNF staff. We just can't distribute them outside of CNF or the SWCA Core Team.

Tom

-----Original Message-----

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Monday, March 24, 2008 8:25 PM  
To: Tom Furgason  
Subject: Re: FW: SOQ

Tom, I want to forward these SOQs to others (Salek and regional specialists) for their input, but Ken Black's message indicates they should not be shared. Please see my hi-liting, below. Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Tom Furgason"

<tfurgason@swca.c

om>  
To  
<beverson@fs.fed.us>

03/12/2008 08:51

cc  
AM

RE: FW: SOQ

Subject  
FW: SOQ

-----Original Message-----

From: Black, Ken [mailto:kblack@srk.com]  
Sent: Tuesday, March 04, 2008 2:56 PM  
To: Tom Furgason  
Cc: Hoag, Cori; Ortman, Dale  
Subject: RE: SOQ

Tom  
Please find attached an SOQ. This is an updated version that was shared with you earlier and includes an additional list of specialists in regulatory affairs, permitting and engineering.

If you have any questions please don't hesitate to call.

Regards,  
Ken

Ken Black P. Eng  
Principal Consultant  
3275 West Ina Road, Suite 240  
Tucson, AZ. 85741  
kblack@srk.com  
Phone: +1 520 544 3688  
Fax: +1 520 544 9853  
Mobile: +1 520 204 5220  
www.srk.com

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-----Original Message-----

RE: FW: SOQ

From: Ortman, Dale  
Sent: Tuesday, March 04, 2008 9:29 AM  
To: 'tfurgason@swca.com'  
Cc: Black, Ken; Hoag, Cori  
Subject: Re: SOQ

Tom,

Call Ken Black or Cori Hoag at our office and they can forward you the SOQ. Also, if there are any other technical specialties that were not included in the SOQ they can supply people to fit.

It's a balmy morning here on the shores of of the Bering Sea..... Ice to the horizon....

I'll be back next Tuesday.

Dale  
Dale Ortman  
SRK Consulting  
520-444-9463  
Sent via BlackBerry

----- Original Message -----

From: Tom Furgason <tfurgason@swca.com>  
To: Ortman, Dale  
Cc: Beverley A Everson <beverson@fs.fed.us>  
Sent: Tue Mar 04 07:38:18 2008  
Subject: SOQ

Hi Dale,

Would it be possible to get an electronic copy of SRK's SOQ? Bev Everson would like to transmit your quals to some specialists in other offices for review. Ideally, we'd like the SOQ and resumes of key staff. I know that you are out this week, so let me know if there is somebody in the Tucson office that I should contact. Thanks.

Tom

(See attached file: RosemontEIS\_SOQ.pdf)

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Mon Oct 26 2009 19:04:06 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
abelauskas@fs.fed.us;aelek@fs.fed.us;deborah k  
sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;dsebesta@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary  
**CC:** m farrell/r3/usdafs@fsnotes;melinda d  
roth/r3/usdafs@fsnotes;mreichard@swca.com;rlefevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;walter keyes/r3/usdafs@fsnotes;william  
b gillespie/r3/usdafs@fsnotes  
**Subject:** Re: Rosemont IDT homework - core and extended teams - EXTENDED IDT MEETING THIS WEDNESDAY!  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I have to ask everyone to have your review of the draft DEIS done by Friday, with your written comments to me by close of business the same day. Once again, this should not be a lengthy review, and should not involve any editing. Focus on what is missing from the draft document and whether or not you feel that the legal framework is correct. I sent you the draft DEIS last week, but can send it again if needed.

Also, there will be an extended IDT meeting this Wednesday from 9:00 to 10:30 in 6V6. Reta has requested this meeting, and she will be talking to us about 2010 program of work. District personnel can teleconference into the meeting to save a drive to the S.O.

Thank You!

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Beverley A Everson/R3/USDAFS  
10/19/2009 06:54 PM

To  
abelauskas@fs.fed.us, aelek@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS  
cc

Subject  
Rosemont IDT homework - core and extended teams

For core and extended, the following homework needs to be completed by the dates indicated. A lot of this work is not new to the team, however, at this point the work needs to have a wrap-up date.

1. Read all public comments on the project that are applicable to your resource area (October 30 deadline; this is something that I have asked the team to do for several months).
2. Review the draft DEIS, located in the "EIS" folder and divided into chapters to make downloading easier (November 6 deadline). This a very, very draft DEIS, and your review should be BRIEF...the intention is to identify holes in the draft DEIS (of which there are lots) and to check the legal framework of the document.
3. Complete the past present and future actions table, to be forwarded to you shortly (November 6 deadline; note that the deadline has been extended from October 30).
4. Review the alternatives disposal task list, also to be forwarded shortly (Nov. 6 deadline); note that a few people have specific tasks to complete.

Please let me know if you have questions, or if there is something I can do to help everyone make the deadlines).

Thanks -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Tue Nov 24 2009 10:12:47 EST  
**To:** karnold@rosemontcopper.com;tfurgason@swca;kent c ellett/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;tami emmett/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: Shipley News  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

See articles about "Federal Agencies Enter an Agreement Regarding Transmission Siting on Federal Lands" and "Range of Reasonable Alternatives"

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 11/24/2009 08:07 AM -----

Teresa Ann Ciapusci/R3/USDAFS  
11/24/2009 07:54 AM

To  
Melinda D Roth/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Shipley News

You might be interested in the feature article this month - Range of Reasonable Alternatives

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
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----- Forwarded by Teresa Ann Ciapusci/R3/USDAFS on 11/24/2009 07:54 AM -----

Shipley Group <maillist@shipleygroup.com>  
11/23/2009 03:52 PM

Please respond to  
maillist@shipleygroup.com

To  
tciapusci@fs.fed.us  
cc

Subject  
Shipley News

November, 2009

DECEMBER 2009

Las Vegas, NV

December 1-3, 2009

Overview of the NEPA Process (NEPAO) / Overview of the Endangered Species Act (ESA) / Overview of the  
NHPA Section 106 Plus (106)

JANUARY 2010

Denver, CO

January 12-15, 2010

Applying the NEPA Process & Writing Effective NEPA Documents (ANPWEND)

New Orleans, LA

January 13-15, 2010

Core Principles: Telling the NEPA Story, Keeping Documents Brief, Meeting Legal Requirements (CP) -New  
Workshop!!

Jacksonville, FL

January 26-29, 2010

Applying the EIAP/NEPA Process: Air Force Specific (EIAP)

San Francisco, CA

January 26-29, 2010

NEPA Cumulative Effects Analysis and Documentation (NEAD) & NEPA Climate Change Analysis and  
Documentation (NCCA)

FEBRUARY - APRIL 2010

Please visit our website

Visit our website for other workshops and schedules

SHIPLEY

OPEN ENROLLMENT

CALENDAR

Contact Sid Allen for  
Customized and Tailored  
ONSITE Training  
Sid.Allen@shipleygroup.com

- National Environmental Policy Act (NEPA) of 1969  
click to view
- Submit comments on federal documents affecting you!  
click to view
- Register NOW for the NEPA Certificate Program at USU!  
click to view

#### The Shipley Group

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> Online courses include: HAZMAT, HAZWOPER, ISO, Risk Management, Stormwater Management, Green Infrastructure Certification, Clean Air Act and OSHA. Please follow the link to see what resources are now available. quick link
- > Customized/Tailored Onsite Training ... quick link
- > Previous E-News Articles ...quick link

Contact us at  
888.270.2157 or  
shipley@shipleygroup.com

Remember that Shipley can assist you  
with any aspect of your NEPA document(s)

Writing

Editing

Revising

Reviewing

Public Comment/Analysis

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<http://enn.com>

<http://www.envirolink.org/>

<http://www.hcn.org/>

<http://resourcescommittee.house.gov/>

RE: NEPA - FHWA

BLM NEPA Handbook

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#### Range of Reasonable Alternatives

by Larry Freeman, PhD

The Shipley Group, Senior Consultant

Agencies routinely ask NEPA practitioners to analyze a "range of reasonable alternatives." Relevant legal

guidance focuses on the purpose and need for a proposed action, with the suggestion that the purpose and need should not be too narrow nor too broad. A too narrow purpose and need limits alternatives to the agency's proposed action. A very broad one creates unnecessary alternatives.

[Click here to view the entire article](#)

### Federal Agencies Enter an Agreement Regarding Transmission Siting on Federal Lands

"Memorandum of Understanding (MOU) to expedite the siting and construction of qualified electric transmission infrastructure in the United States... this MOU improves coordination among project applicants, federal agencies, and states and tribes involved in the siting and permitting process. It will improve uniformity, consistency, and transparency by setting forth the roles and responsibilities of these entities when project applicants wish to construct electric transmission infrastructure. "

[Link to Article](#)

[Link to MOU](#)

### Navajos, Hopi Stand in Opposition to Environmental Groups

Written by GEORGE HARDEEN, Navajo Nation Communications

"Navajo Nation President Joe Shirley, Jr., said Wednesday that he strongly supports the Hopi Tribe's resolution to declare local and national environmental groups unwelcome on Hopi land.

"I stand with the Hopi Nation," President Shirley said. "Unlike ever before, environmental activists and organizations are among the greatest threat to tribal sovereignty, tribal self-determination, and our quest for independence."

[Link to Article](#)

### October 16, 2009 - Implementation Guidance for the DOE Policy on Documentation and Online Posting of Categorical Exclusion Determinations: NEPA Process Transparency and Openness

"To further transparency and openness in its implementation of the National Environmental Policy Act (NEPA), the Department of Energy (DOE) has established a policy with regard to the online posting of certain categorical exclusion determinations."

[Link to Article](#)

### What's New?

#### The Shipley Group: NEPA Training Level Progression

At The Shipley Group we are often asked, "What workshop(s) should I take and what next...?" we have put together this list to help environmental/NEPA specialists in their NEPA training progression.

[Please View Here](#)

### Ten Principles to Better Team Interactions and Productivity

1. Put it in writing
2. The boss is the boss
3. Your problem is my problem
4. Variety is the spice of life
5. Your OK, I'm OK
6. Majority rules
7. Don't go to Abilene
8. Beware of red herrings
9. Water cooler talk
10. Time is fleeting

Full discussion and detail in "Managing NEPA Projects & Teams" workshop and manual

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Tue Nov 24 2009 10:15:57 EST  
**To:** teresa ann ciapusci/r3/usdafs@fsnotes;larry jones/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes;salek shafiqullah/r3/usdafs@fsnotes  
**Subject:** Re: Fw: Rosemont Area Biology-Hydrology-Riparian Field Trip Agenda  
**Attachments:** Agenda hydro-bio-ripo field trip dec 10.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Great coordination! Thanks all!

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
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(520) 396-0715 (cell)  
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Teresa Ann Ciapusci/R3/USDAFS  
11/24/2009 07:51 AM

To  
brocious@base.sao.arizona.edu, cbeck@azdot.gov, Cindy\_Alvarez@blm.gov, daniel\_moore@blm.gov, dt1@azdeq.gov, David\_Jacobs@azag.gov, falco@cfa.harvard.edu, gfleming@asmi.az.gov, jmarques@ci.sahuarita.az.us, jmtannler@azwater.gov, julia.fonseca@pima.gov, jwindes@azgfd.gov, karen.howe@tonation-nsn.gov, lagrignano@azwater.gov, lee.allison@azgs.az.gov, Leslie.Ethen@tucsonaz.gov, LSwartzbaugh@asmi.az.gov, madan.singh@mines.az.gov, mark.harting@aztucs.ang.af.mil, Marjorie.E.Blaine@usace.army.mil, nicole.ewing-gavin@tucsonaz.gov, nicole.fyffe@pima.gov, ohenderson@ci.sahuarita.az.us, rcasavant@azstateparks.gov, stahle@ci.sahuarita.az.us  
cc

Subject  
Fw: Rosemont Area Biology-Hydrology-Riparian Field Trip Agenda

Good morning all -

Attached to this message is information about an upcoming field review of Rosemont Copper Project biology, hydrology, and riparian issues organized by Forest Service Biologist, Larry Jones. This note is intended to ensure that all cooperating agencies are aware of the opportunity to participate in this field review opportunity. If your agency wishes to participate, and is not already represented in Larry's list of attendees, please contact Larry directly with the names of your agency participants. He will coordinate all

arrangements for this field review.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
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----- Forwarded by Teresa Ann Ciapusci/R3/USDAFS on 11/24/2009 07:46 AM -----

Larry Jones/R3/USDAFS  
11/23/2009 04:09 PM

To

jim\_rorabaugh@fws.gov, msredl@azgfd.gov, jason\_douglas@fws.gov, Julia.Fonseca@rfcd.pima.gov, Mike\_Martinez@fws.gov, tfurgason@swca.com, Marcia\_Radke@blm.gov, turner.dennis@azdeq.gov, lagrignano@azwater.gov, rcasavant@azstateparks.gov, jsorensen@azgfd.gov, Cat\_Crawford@fws.gov, doug\_duncan@fws.gov, Marit\_Alanen@fws.gov, Jeff\_Simms@blm.gov, sidner@u.arizona.edu, JWindes@azgfd.gov, karen.howe@tonation-nsn.gov, tsnow@azgfd.gov, gsoroka@swca.com, abest@westlandresources.com, SEhret@azgfd.gov, dtilton@azgfd.gov, mwalton@azgfd.gov, Richard A Gerhart/R3/USDAFS@FSNOTES, Bobbi L Barrera/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, kkertell@swca.com, blindenlaub@westlandresources.com, scott\_richardson@fws.gov, Keith\_Hughes@blm.gov, Marjorie.E.Blaine@usace.army.mil, dbuecher@comcast.net, Linda Peery/NONFS/USDAFS@FSNOTES, Robert Lefevre/R3/USDAFS@FSNOTES, Salek Shafiqullah/R3/USDAFS@FSNOTES

cc

karnold@rosemontcopper.com, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, Beverley A Everson/R3/USDAFS@FSNOTES

Subject

Rosemont Area Biology-Hydrology-Riparian Field Trip Agenda

Rosemont Biologist Group (US Forest Service, Cooperating agencies, SWCA, WestLand, Fish & Wildlife Service):

Please find attached the agenda for our field trip to discuss the interface of water and biota for the proposed Rosemont Copper Mine. The trip is scheduled for Thursday, December 10, 2009. Because the trip has grown quite large, it has become somewhat formal, and we will be having quite a few cars, so it is critical we stick to the time and carpool as much as possible. Below are the names of the folks that RSVP'ed and are coming (or possibly coming). Note that I am sending this out to my Biologists group emailing list, and a number of the attendees are not biologists, so if you work with them, please make sure they get the word. Note that we are meeting either at Fish and Wildlife Service in Tucson, as originally planned, or if we are meeting you out there, IT WILL BE AT Milepost 44 on HWY 83, NOT the ATV staging area, as originally indicated. Here's the list I have of people going:

Larry Jones, USFS  
Bob Lefevre, USFS

Salek Shafiqullah, USFS  
Debbie Sebesta, USFS  
Jason Douglas, FWS  
Doug Duncan, FWS  
Julia Fonseca, Pima Co  
Brian Powell, Pima Co  
Marisa Rice, Pima Co  
Greg Saxe, Pima Co  
Marcia Radke, BLM  
Jeff Simms, BLM  
Geoff Soroka, SWCA  
Patti Spindler, ADEQ (and maybe Dennis Turner and/or someone else)  
Karen Howe, Tohono O'odam  
Shawn Carroll, Tohono O'odam  
Amanda Best, WestLand  
Mike Demlong and/or John Windes, AGFD

Let me know if there are any changes...it's going to be a big crowd! If there is going to be inclement weather and we feel the need to postpone, stay tuned to your emails, and don't hesitate to call or email me. Thanks! I look forward to interacting with all of you!

Larry Jones  
Wildlife, Fish, and Rare Plants  
Coronado National Forest  
300 W Congress  
Tucson, AZ 85701

520-388-8375  
ljones02@fs.fed.us

**From:** "Tom Furgason" <tfurgason@swca.com>  
**Sent:** Wed Nov 25 2009 14:03:28 EST  
**To:** <brocius@base.sao.arizona.edu>; <cbeck@azdot.gov>; <cindy\_alvarez@blm.gov>; <daniel\_moore@blm.gov>; <dt1@azdeq.gov>; <david\_jacobs@azag.gov>; <falco@cfa.harvard.edu>; <gfleming@asm1.az.gov>; <jmarques@ci.sahuarita.az.us>; <jmtannler@azwater.gov>; <julia.fonseca@pima.gov>; <jwindes@azgfd.gov>; <karen.howe@tonation-nsn.gov>; <lagrignano@azwater.gov>; <lee.allison@azgs.az.gov>; <leslie.ethen@tucsonaz.gov>; <lswartzbaugh@asm1.az.gov>; <madan.singh@mines.az.gov>; <mark.harting@aztucs.ang.af.mil>; <marjorie.e.blaine@usace.army.mil>; <nicole.ewing-gavin@tucsonaz.gov>; <nicole.fyffe@pima.gov>; <ohenderson@ci.sahuarita.az.us>; <rcasavant@azstatparks.gov>; <stahle@ci.sahuarita.az.us>  
**CC:** <tdlapusci@fs.fed.us>; <rlaford@fs.fed.us>; <beverson@fs.fed.us>; <mrorth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** Cooperating Agency Alternative  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I am following up with members of the Cooperating Agencies (Agencies) working on the Rosemont Copper EIS. During the meeting last week, Forest Supervisor Jeanine Derby requested that the Agencies consider participating in the development an alternative to the Proposed Action. This alternative would then be analyzed throughout the EIS process if it meets the requirements under NEPA. The Coronados requested that SWCA be available to assist the Agencies with the development of this alternative. However, the Agencies may work entirely independently of the Coronado and SWCA should they choose to do so.

We discussed several potential issues relating to the Proposal and began discussing potential elements of the Proposed Action (fully described in the 2007 Mine Plan of Operations) that could be modified to address some issues. However, several members from the Agencies expressed concern that they needed more information regarding the alternatives currently being considered by the Coronados that they do not create a duplicative alternative. It was also clear that additional meetings would be required.

Although there was no clear consensus among the group how to proceed, I would like to propose that we meet next Wednesday (December 2) from 9:00 am to 12:30 pm. This meeting will include a:

- 1) presentation on the alternative currently under consideration;
- 2) review of the issues, or groups of issues, driving the alternatives;
- 3) review of existing GIS data regarding resources;
- 4) open forum to further define those issues the Agencies believe should drive an alternative or elements of an alternative; and
- 5) identification of the major portions of the Proposed Action that the alternative will address.

The following information would be useful to me moving forward:

Is your Agency interested in participating in the development of an alternative?  
Are there specific areas of expertise where your Agency's participation would be especially helpful?  
Is your Agency interested in providing a leadership role for the reaming preparation of the alternative?

The Coronadod will place all material from the meeting on their web site. SWCA will also send out meeting notes by COB on Friday, December 4. I welcome any suggestions for any information that you would like to have at the meeting on Wednesday. I can't promise that we'll be able to meet every request; however, we'll endeavor to accommodate them.

Have a happy Thanksgiving.

Tom Furgason

Rosemont Project Manager/Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ 85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

Re: November Rosemont extended team rescheduling

**From:** mary m farrell/r3/usdafs;nsf;mfarrell@fs.fed.us;smtp  
**Sent:** Wed Oct 28 2009 11:23:22 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** william b gillespie/r3/usdafs@fsnotes  
**Subject:** Re: November Rosemont extended team rescheduling  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi, Bev, the 17th-18th is an FLT meeting but I'll see if Bill Gillespie can go to the Rosemont mtg. Also, there's always a chance that the Nov FLT meeting won't last the whole 2 days.

Mary

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

Beverley A Everson/R3/USDAFS  
10/27/2009 09:01 AM

To  
abelauskas@fs.fed.us, aelek@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES  
cc

Subject  
November Rosemont extended team rescheduling

Thanks to Art and others for reminding me about the Veteran's Day holiday. Let's plan on an extended team meeting on November 18. Thank you - Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest

Re: November Rosemont extended team rescheduling

300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 10/27/2009 08:56 AM -----

Arthur S Elek/R3/USDAFS  
10/27/2009 07:55 AM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc

Subject  
Re: Schedule for various Rosemont meetings

Bev,  
Second Wednesday in Nov. is a holiday. Have you rescheduled?

ART ELEK  
Fire Prevention Officer  
Nogales Ranger District  
303 Old Tucson Road  
Nogales AZ. 85621  
Office: (520) 761-6010  
Cell: (520) 975-7814  
Fax: (520) 281-2396  
e-mail aelek@fs.fed.us

Beverley A Everson/R3/USDAFS  
10/26/2009 04:16 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc

abelauskas@fs.fed.us, aelek@fs.fed.us, Deborah K Sebesta/R3/USDAFS@FSNOTES, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, Kent C Ellett/R3/USDAFS@FSNOTES

Subject  
Schedule for various Rosemont meetings

For those of you interested in non-IDT meeting scheduling for Rosemont, here is the schedule:

Rosemont strategy meetings, 1:30 on Mondays.

SWCA/FS overview meetings, 9:30 on Tuesdays

(core IDT every Wednesday, extended every second Wednesday of the month)

Status meetings with company twice a month, date variable and set at previous meeting.

EPG powerline stakeholders meetings, no regular date; Kent do you know when the next meeting is?)

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** mary m farrell/r3/usdafs;nsf;mfarrell@fs.fed.us;smtp  
**Sent:** Wed Oct 28 2009 18:24:08 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** melinda d roth/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Re: Rosemont Assignments reminders  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi, Bev -- Bill G and I are reviewing section 3.7, cultural resources. Note that this section is not posted on the website, near as I can tell, but Suzanne Griset of SWCA sent it directly to us.

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
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Beverley A Everson/R3/USDAFS  
10/28/2009 01:58 PM

To  
Melinda D Roth/R3/USDAFS@FSNOTES  
cc  
abelauskas@fs.fed.us, aelek@fs.fed.us, awcampbell@fs.fed.us, baschneider@fs.fed.us, cablair@fs.fed.us, ccleblanc@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, hschewel@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Melinda D Roth/R3/USDAFS@FSNOTES, mfarrell@fs.fed.us, mkaplan@fs.fed.us, rlaford@fs.fed.us, rlefevre@fs.fed.us, rmraley@fs.fed.us, seanlockwood@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, tciapusci@fs.fed.us, temmett@fs.fed.us, wgillespie@fs.fed.us, wkeyes@fs.fed.us  
Subject  
Re: Rosemont Assignments reminders

Please help my coordination of the DEIS draft review by telling my what sections each of you is reviewing or has reviewed. I would really appreciate this information by COB today, so that I have time to fill in gaps. Thank you - Bev

Beverley A. Everson  
Forest Geologist

Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Melinda D Roth/R3/USDAFS  
10/28/2009 01:11 PM

To  
dkriegel@fs.fed.us, dsebesta@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, wkeyes@fs.fed.us,  
hschewel@fs.fed.us, temmett@fs.fed.us, gmckay@fs.fed.us, rlefevre@fs.fed.us, aelek@fs.fed.us,  
abelauskas@fs.fed.us, ecuriel@fs.fed.us, mfarrell@fs.fed.us, wgillespie@fs.fed.us, ccleblanc@fs.fed.us,  
seanlockwood@fs.fed.us, ljones02@fs.fed.us, awcampbell@fs.fed.us, rmrale@fs.fed.us, cablair@fs.fed.us,  
mkaplan@fs.fed.us, baschneider@fs.fed.us

cc  
Melinda D Roth/R3/USDAFS@FSNOTES, rlaford@fs.fed.us, beverson@fs.fed.us, tciapusci@fs.fed.us,  
kellett@fs.fed.us

Subject  
Rosemont Assignments reminders

Reta shared with me specific expectations regarding review and comment on the DEIS. Following Reta's guidance should produce the needed information.

See that every section of Chapter 3 is assigned to a team member to review and comment on. - Bev  
Review the legal framework and identify, with specificity, needed corrections and additions. - IDT members  
Review and critique bounds of analysis, assuming both east side and west side activities - IDT members  
Closely review the affected environment descriptions, identifying corrections and additions. - IDT members  
For the effects analysis, critique the approaches presented in light of what our agency norms are. - IDT members

Thanks, in advance, for your hard work and professionalism.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Re: Figure request

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Mar 27 2008 16:30:35 EDT  
**To:** "brian lindenlaub" <blindenlaub@westlandresources.com>  
**CC:**  
**Subject:** Re: Figure request  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Brian,

You can provide the requested MPO figures to SWCA. Thanks for letting me know of the request.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Brian Lindenlaub" <blindenlaub@westlandresources.com>  
03/27/2008 01:26 PM

To  
"Beverley A Everson" <beverson@fs.fed.us>  
cc

Subject  
Figure request

Bev,

SWCA has requested PDF copies of all of the current MPO figures. If it's OK with you, we will forward them on via FTP, per the request. Please let us know.

Regards,  
Brian Lindenlaub | Senior Project Manager  
WestLand Resources, Inc.

Re: Figure request

4001 E Paradise Falls Drive | Tucson, AZ 85712  
Office: (520) 206-9585 | Fax: (520) 206-9518

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**FSM 2200 - RANGE MANAGEMENT  
CHAPTER - ZERO CODE**

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## **2201 - AUTHORITY**

### **2201.1 - Statutory Authorities**

Authority to protect, manage, and administer the National Forest System, and other lands under Forest Service administration for range management purposes, emanates from the following acts:

1. Organic Administration Act of June 4, 1897 (Ch. 2, 30 Stat. 34, as amended; 16 U.S.C. 551).
2. Bankhead-Jones Farm Tenant Act, Title III, of July 22, 1937, Sections 31-33 (Ch. 517, 50 Stat. 525, as amended; 7 U.S.C. 1010-1012).
3. Granger-Thye Act of April 24, 1950, Sections 1, 5, 7, 11, 12, 18, 19, (Ch. 97, 64 Stat. 82; 16 U.S.C. 571c; 16 U.S.C. 572; 16 U.S.C. 580d; 16 U.S.C. 580g; 580h; 16 U.S.C. 580k; 16 U.S.C. 580).
4. Multiple Use-Sustained Yield Act of June 12, 1960 (P.L. 86-517, 74 Stat. 215, 16 U.S.C. 528-531).
5. Wilderness Act of September 3, 1964, Section 4 (P.L. 88-577, 78 Stat. 890; 16 U.S.C. 1133).
6. National Environmental Policy Act of January 1, 1970 (P.L. 91-190, 83 Stat. 852; 42 U.S.C. 4321 (note), 4321, 4331-4335, 4341-4347).
7. Wild Horses and Burros Protection Act of December 15, 1971 (P.L. 92-195, 85 Stat. 649, as amended; 16 U.S.C. 1331-1340).
8. Forest and Rangeland Renewable Resources Planning Act of August 17, 1974 (P.L. 93-378, 88 Stat. 476, as amended; 16 U.S.C. 1601 (note), 1600-1614).
9. National Forest Management Act of October 22, 1976 (P.L. 94-588, 90 Stat. 2949, as amended; 16 U.S.C. 472a, 476, 500, 513-516, 518, 521b, 528 (note), 576b, 594-2 (note), 1600 (note), 1601 (note), 1600-1602, 1604, 1606, 1608-1614).
10. Federal Land Policy and Management Act of October 21, 1976, Sections 206, 310, 401, 402, 403, 404, (P.L. 94-579, 90 Stat. 2743, as amended; 43 U.S.C. 1716; 43 U.S.C. 1740; 43 U.S.C. 1751; 43 U.S.C. 1752; 43 U.S.C. 1753).
11. Public Rangelands Improvement Act of October 25, 1978 (92 Stat. 1803, 43 U.S.C. 1752-1753, 1901-1908).

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## **2201.2 - Regulatory Authorities**

Pursuant to regulations issued by the Secretary of Agriculture, the Chief, Forest Service, is authorized to develop, administer, and protect range resources, and permit and regulate grazing use of all kinds and classes of livestock on all National Forest System (NFS) lands and on other lands under Forest Service control. This authority extends to the National Forests, National Grasslands, and those State and private lands for which the Forest Service has been given control of through lease, agreement, waiver or otherwise.

Regulations relating to the range program which confer authority to the Chief, Forest Service are:

1. Grazing and Livestock Use on the National Forest System, 36 CFR Part 222, Subpart A.
2. Management of Wild Free-Roaming Horses and Burros, 36 CFR Part 222, Subpart B.
3. Grazing Fees, 36 CFR Part 222, Subpart C.
4. Administration of Lands Under Title III of the Bankhead-Jones Farm Tenant Act by the Forest Service, 36 CFR 213.
5. General Prohibition, 36 CFR 261, Subpart A.
6. Administrative Review Procedures, 36 CFR 211.18, Subpart B.
7. Wilderness-Primitive Areas, 36 CFR 292.7.

## **2201.3 - Secretary's Administrative Orders**

The Secretary of Agriculture sets forth responsibilities mandated by statutory authority through Departmental regulations and memorandums. Policy relating to range resources and coordination of range activities of the USDA agencies and other executive agencies, organizations, and individuals is included in the following:

1. Secretary's Administrative Order of August 1963, Administration of Lands Under Title III of the Bankhead-Jones Farm Tenant Act; Establishment of National Grasslands.
2. Departmental Regulation, Number 9500-5, dated December 15, 1983; Subject: Policy on Range.

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## **2202 - OBJECTIVES**

### **2202.1 - National Forest System**

Objectives of the range management program for the National Forests and National Grasslands are:

1. To manage range vegetation to protect basic soil and water resources, provide for ecological diversity, improve or maintain environmental quality, and meet public needs for interrelated resource uses.
2. To integrate management of range vegetation with other resource programs to achieve multiple use objectives contained in Forest land and resource management plans.
3. To provide for livestock forage, wildlife food and habitat, outdoor recreation, and other resource values dependent on range vegetation.
4. To contribute to the economic and social well being of people by providing opportunities for economic diversity and by promoting stability for communities that depends on range resources for their livelihood.
5. To provide expertise on range ecology, botany, and management of grazing animals.

### **2202.2 - National Grasslands**

In addition to the above objectives, the following apply to National Grasslands:

1. To promote the development of grassland agriculture and sustained yield management of the soil, water, forage, fish and wildlife, recreation, and timber resources.
2. To demonstrate sound and practical principles of land use to favorably influence nearby areas and economies.

## **2203 - POLICY**

### **2203.1 - National Forest System**

Basic policies for range management on National Forests and National Grasslands are to:

1. Use appropriate methods, such as grazing use by livestock or wild ungulates, prescribed fire, and mechanical or chemical treatments, for managing range vegetation.

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2. Identify and inventory range resource values, including riparian, upland, and other critical areas to determine which areas meet or do not meet Forest land and resource management plan objectives.
3. Implement and monitor measures to restore and enhance plant diversity and productivity, water quality, and soil stability.
4. Enhance or maintain the habitat of threatened, endangered or sensitive species of plants and animals.
5. Determine suitability and potential capability for producing forage for grazing and browsing animals and for maintaining and enhancing habitat for fish and wildlife Management Indicator Species.
6. Consistent with Forest land and resource management plans, make forage available to qualified livestock operators from lands that are suitable for livestock grazing.
7. Issue term permits, generally for ten-year periods with appropriate terms and conditions, to allow use of range vegetation and promote stability for livestock enterprises.
8. Coordinate, cooperate and consult with grazing permittees and grazing associations, and other interested parties in the development of allotment management plans.
9. Emphasize permittee and association responsibility and accountability for meeting terms and conditions of permits, allotment management plans, and annual operating plans.
10. Recover administrative costs of permit transactions initiated by the permittee.
11. Manage wild free-roaming horse and burro populations in a thriving ecological balance within established territories.
12. Manage noxious weeds, using integrated pest management techniques in close coordination and cooperation with adjacent landowners and agencies.
13. Use cost effectiveness in range vegetation management.
14. Optimize involvement of expertise within the Forest Service, from other agencies, organizations, permittees, and others in range vegetation management.
15. Integrate range management and resolve conflicts through Coordinated Resource Management by promoting voluntary cooperation among agencies, groups and individuals responsible for range resources on other land ownerships (FSM 1531.12e).

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## **2203.2 - National Grasslands**

In addition to the policies above, the following policies apply to National Grasslands:

1. Encourage user groups to assist in administering National Grasslands, where such groups clearly demonstrate the capability to participate in resource management in the public interest.

2. Demonstrate management flexibility and innovation in the design and implementation of resource management activities on National Grasslands that will promote improvement in resource management on similar lands in other ownerships.

## **2204 - RESPONSIBILITIES**

### **2204.1 - Deputy Chief, National Forest System**

The Deputy Chief, National Forest System, is responsible for:

1. Establishing national policy for inventory, management, and monitoring of range vegetation.

2. Establishing national policy for allotment management planning and for administering livestock use.

3. Establishing grazing fee systems and the national policy and standards for their application.

4. Establishing national policy for managing wild free-roaming horses and burros, and establishing wild free-roaming horse and burro ranges.

5. Establishing national policy for betterment of range condition.

6. Establishing national standards for use of range betterment or other improvement funds.

7. Approving cooperative range improvement projects on lands outside the National Forest System under the authority of section 11 of the Granger-Thye Act.

8. Establishing standards for range information required at the national level.

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**2204.2 - Regional Foresters**

Regional Foresters have responsibility and authority to:

<b>Responsibility/Authority</b>	<b>May be delegated to Forest Supervisor</b>
1. Establish Regional standards and guidelines for:	No
a. Managing ranges.	
b. Structural and nonstructural range improvement.	
c. Evaluating and monitoring management systems.	
d. Range analysis.	
e. Using Range Betterment Funds.	
2. Establish minimum base property and livestock ownership requirements to qualify for a term permit (FSM 2230).	Yes
3. Establish upper and lower limits and approve special limits for term permits (FSM 2230).	Yes
4. Establish criteria for authorizing free use by livestock.	No
5. Approve nonuse of term permits for permittee convenience.	Yes
6. Close areas to livestock grazing or open previously closed range, when justified by the Forest land management planning process.	Yes
7. Approve allotment management plans involving wilderness, primitive, or wilderness study areas.	Yes
8. Approve agreements under the 1966 memorandum of understanding with the Bureau of Land Management (FSM 2251.4).	Yes
9. Approve agreements and memoranda of Understanding with Soil Conservation Service, Bureau of Land Management, and Extension Service (FSM 1531.12e).	Yes
10. Approve plans and enter into agreements for control of stray or unbranded livestock, noxious weeds, and forage destroying insects.	Yes
11. Approve management plans involving wild free-roaming horses and burros.	Yes

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<b>Responsibility/Authority</b>	<b>May be delegated to Forest Supervisor</b>
12. Adjust or abolish wild free-roaming horse and burro territories in accordance with Forest Plans.	Yes
13. Issue term permits to Indian tribes on the basis of rights reserved by treaty.	Yes
14. Approve nonuse for Conservation Reserve up to the length of the approved agreement.	Yes
15. Establish criteria for allowable administrative costs and conservation practice requirements on National Grasslands and Land Utilization Projects (FSM 2245.03).	No

**2204.3 - Forest Supervisors**

Forest Supervisors have responsibility and authority to:

<b>Responsibility/Authority</b>	<b>May be delegated to District Ranger</b>
1. Establish range allotments.	Yes
2. Approve Allotment Management Plans.	Yes
3. Approve applications for and issue term permits (FSM 2231.1).	Yes
4. Approve nonuse of term permits for the following purposes:	
a. Permittee convenience for up to three consecutive grazing seasons on a year-by-year basis.	Yes
b. Resource protection.	Yes
c. To conduct research, administrative studies, or other fact finding, for the length of the proposed activity.	Yes
5. Confirm waivers of term grazing permits.	Yes
6. Modify term permits.	Yes
7. Establish criteria for issuing, extending, modifying, suspending, or canceling term, temporary grazing, or livestock use permits.	No

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<b>Responsibility/Authority</b>	<b>May be delegated to District Ranger</b>
8. Suspend or cancel up to 100 percent of a term, temporary grazing, or livestock use permit for violation of terms or conditions.	Yes
9. Approve applications for and issue temporary grazing and livestock use permits.	Yes
10. Issue free livestock use permits.	Yes
11. Make seasonal extensions of term, temporary grazing, or livestock use permits.	Yes
12. Determine allowable administrative costs and conservation practice requirements on National Grasslands and Land Utilization Projects (FSM 2245.03).	Yes
13. Establish audit schedules for National Grassland Grazing Associations.	No
14. Approve refund or credit of grazing fees.	Yes
15. Establish requirements for and approve performance bonds.	Yes
16. Determine the adjusted value of permanent range improvements; negotiate and settle cases involving compensation for permittee interests.	No
17. Establish and terminate livestock driveways.	No
18. Negotiate and authorize exchanges of grazing uses with Federal and State agencies.	No
19. Recognize and withdraw recognition of local livestock associations and approve special rules.	Yes
20. Administer Wild Free-Roaming Horse and Burro Act.	Yes
21. Establish base property requirements within limits established by the Regional Forester.	No

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## **2206 - REFERENCES**

Handbook on Range Seeding Equipment. This handbook describes equipment adapted to or designed for use in site preparation, seeding, and control of undesirable plants. The Vegetative Rehabilitation and Equipment Workshop (VREW), formally Range Seeding Equipment Committee (RSEC), prepared this handbook. It was published jointly by the Department of Agriculture and Interior. Handbook can be obtained from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 - Stock No. 001 - 001 - 00518 - 5.

## **2209 - RANGE MANAGEMENT HANDBOOKS**

### **2209.1 - Internal Service-wide Handbooks**

#### **2209.11 - Range Project Effectiveness Analysis Handbook**

This handbook provides methodology for analysis of cost-effectiveness of allotment projects.

#### **2209.13 - Grazing Permit Administration Handbook**

This handbook provides instructions for the administration of grazing permits.

#### **2209.14 - Service-wide Range Analysis and Management Handbook**

This handbook provides guidelines and other direction for the conduct of range analysis, including the determination of suitability, ecological status, resource value ratings, scorecards, and the determination of trend.

#### **2209.15 - Range Management Annual Reports Handbook**

This handbook provides instructions for processing Range Management Annual Reports (FS-2200-A, FS-2200-B, FS-2200-E, FS-2200-J).

### **2209.2 - Internal Unit Handbooks**

#### **2209.21 - Range Analysis and Management Handbook**

This code and caption are reserved for Regional handbooks on range analysis and standards.

#### **2209.21a - Range Management Vegetation Scorecard Handbook**

This code and caption are reserved for Regional handbooks containing range management vegetation scorecards.

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CHAPTER - ZERO CODE**

**2209.22 - Structural Range Improvement Handbook**

This code and caption are reserved for Regional handbooks on this subject.

**2209.23 - Nonstructural Range Improvement Handbook**

This code and caption are reserved for Regional handbooks on this subject.

**From:** kendall brown/r3/usdafs;nsf;kbrown03@fs.fed.us;smt  
**Sent:** Thu Oct 29 2009 19:35:52 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Rosemont IDT homework - core and extended teams  
**Attachments:** 2200\_zero\_code.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I came up to visit with you but didn't catch you in your office. From what I understand you to want, I looked over the DEIS and did not see any fatal flaws or huge holes. There is definitely some editing and work that needs to be done, but other than that I think we are OK (one fairly large thing to look at is the inclusion of state and BLM lands). They mention these lands and talk about some of the effects to these. Are we going to do analysis on these lands or just FS lands?

Also, will there be information included about how they are going to do vegetation reclamation? Will they be using livestock? We may want to ask these questions. I don't know if it is necessary that it is included in the EIS the "how" or just that they will and the end result.

As for legal framework, they list some Applicable Laws, Regulations, and Policies that need quite a bit of tweaking. The first law, for example, that they list is the Taylor Grazing Act - which deals with BLM land, not FS lands. So here I'm attaching a more complete and accurate Statutory Authorities.

D. Kendall Brown  
Range Program Manager  
Coronado National Forest  
(520) 237-3702  
E-mail: kbrown03@fs.fed.us

Beverley A Everson/R3/USDAFS  
10/26/2009 04:04 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
abelauskas@fs.fed.us, aelek@fs.fed.us, Deborah K Sebesta/R3/USDAFS@FSNOTES, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES  
Subject  
Re: Rosemont IDT homework - core and extended teams - EXTENDED IDT MEETING THIS WEDNESDAY!

I have to ask everyone to have your review of the draft DEIS done by Friday, with your written comments to me by close of business the same day. Once again, this should not be a lengthy review, and should not involve any editing. Focus on what is missing from the draft document and whether or not you feel that the legal framework is correct. I sent you the draft DEIS last week, but can send it again if needed.

Also, there will be an extended IDT meeting this Wednesday from 9:00 to 10:30 in 6V6. Reta has requested this meeting, and she will be talking to us about 2010 program of work. District personnel can teleconference into the meeting to save a drive to the S.O.

Thank You!

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
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Beverley A Everson/R3/USDAFS  
10/19/2009 06:54 PM

To  
abelauskas@fs.fed.us, aelek@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS  
cc

Subject  
Rosemont IDT homework - core and extended teams

For core and extended, the following homework needs to be completed by the dates indicated. A lot of this work is not new to the team, however, at this point the work needs to have a wrap-up date.

1. Read all public comments on the project that are applicable to your resource area (October 30 deadline;

this is something that I have asked the team to do for several months).

2. Review the draft DEIS, located in the "EIS" folder and divided into chapters to make downloading easier (November 6 deadline). This a very, very draft DEIS, and your review should be BRIEF...the intention is to identify holes in the draft DEIS (of which there are lots) and to check the legal framework of the document.

3. Complete the past present and future actions table, to be forwarded to you shortly (November 6 deadline; note that the deadline has been extended from October 30).

4. Review the alternatives disposal task list, also to be forwarded shortly (Nov. 6 deadline); note that a few people have specific tasks to complete.

Please let me know if you have questions, or if there is something I can do to help everyone make the deadlines).

Thanks -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
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**From:** mary m farrell/r3/usdafs;nsf;mfarrell@fs.fed.us;smtp  
**Sent:** Fri Oct 30 2009 14:30:30 EDT  
**To:** beverley a everson/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes  
**CC:** william b gillespie/r3/usdafs@fsnotes;"melissa reichard" <mreichard@swca.com>  
**Subject:** public comments review  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi, Bev,

I just finished certifying that I've read the public comments in the scoping data base for cultural resources and noted that one potential paleontology comment, Record ID 8727, was included under cultural resources but not paleontology. Could you forward this info to whomever's doing paleontology if it's not you?

8727 1 I have been trying several times to get with the newspaper reporters to give them information that I have on that Canyon. And then the reason why -- they never mention this, and I've talked to newspaper reporters about it, that that canyon was surveyed not too long ago. And they found over 300 indian sites. Okay. Now, then they found a strange little animal that they couldn't find here in the University here in Arizona. They couldn't determine what kind of a creature that was. UCLA helped them on it. It was a miniature camel that used to roam here many thousands of years ago. Now to me it's interesting, what are they going to do, they went through the survey, and they still, these people are still after destroying that Canyon.

Thanks.

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
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(520) 388-8305 (fax)

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Mar 18 2008 13:19:34 EDT  
**To:** rose@ladosadagv.com  
**CC:**  
**Subject:** Rosemont MPO for Rob Robuck  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Rose, please share this information with you husband. Thank you.

<http://www.augustaresource.com/section.asp?pageid=6320>

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

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Fax: 520-388-8305

**From:** "jeff m. tannler" <jmtannler@azwater.gov>  
**Sent:** Tue Dec 01 2009 21:15:22 EST  
**To:** 'tom furgason' <tfurgason@swca.com>  
"tciapusci@fs.fed.us" <tciapusci@fs.fed.us>; "rlaford@fs.fed.us" <rlaford@fs.fed.us>; "beverson@fs.fed.us"  
**CC:** <beverson@fs.fed.us>; "mrorth@fs.fed.us" <mrorth@fs.fed.us>; 'melissa reichard' <mreichard@swca.com>; "laura a. grignano" <lagrignano@azwater.gov>  
**Subject:** RE: Cooperating Agency Alternative  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Dear Tom Furgason:

Thank you for the invitation to participate in development of a special alternative. The Arizona Department of Water Resources respectfully is declining participation in development of this particular alternative. Unfortunately due to scheduling conflicts neither Laura Grignano nor I will be able to attend tomorrow's meeting. Please feel free to contact either me or Laura if you or other agencies have questions we can assist with. Thank you,

Jeff Tannler

Jeff Tannler

Tucson Area Director

ADWR Tucson AMA Office

400 West Congress, Suite 518

Tucson, AZ 85701

520-770-3800

jmtannler@azwater.gov

From: Tom Furgason [mailto:tfurgason@swca.com]

Sent: December 01, 2009 4:59 PM

To: brocius@base.sao.arizona.edu; cbeck@azdot.gov; Cindy\_Alvarez@blm.gov; daniel\_moore@blm.gov; dt1@azdeq.gov; David\_Jacobs@azag.gov; falco@cfa.harvard.edu; gfleming@asmi.az.gov; jmarques@ci.sahuarita.az.us; Jeff M. Tannler; julia.fonseca@pima.gov; jwindes@azgfd.gov; karen.howe@tonation-nsn.gov; Laura A. Grignano; lee.allison@azgs.az.gov; Leslie.Ethen@tucsonaz.gov; LSwartzbaugh@asmi.az.gov; madan.singh@mines.az.gov; mark.harting@aztucs.ang.af.mil; Marjorie.E.Blaine@usace.army.mil; nicole.ewing-gavin@tucsonaz.gov; nicole.fyffe@pima.gov; ohenderson@ci.sahuarita.az.us; rcasavant@azstateparks.gov; stahle@ci.sahuarita.az.us

Cc: tciapusci@fs.fed.us; rlaford@fs.fed.us; beverson@fs.fed.us; mrorth@fs.fed.us; Melissa Reichard

Subject: RE: Cooperating Agency Alternative

I have had several Agencies inquire about the status of tomorrow's meeting. Currently, two agencies have declined participation and a couple of others will not be able to attend tomorrow. We are still planning on holding the meeting at the regular location in Tucson (300 West Congress, Room 4B). Although the meeting is scheduled for 9:00 am, I'll begin the presentation on the alternatives at 9:30 so that anybody traveling from Phoenix will not miss that portion of the meeting. I'll use the first 30 minutes to answer general questions about the alternatives development process and some of the questions that we "parked" last week. I'll also be happy to discuss any of the major elements of the MPO.

Tom Furgason

Rosemont Project Manager/Program Director  
SWCA Environmental Consultants

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From: Tom Furgason

Sent: Wednesday, November 25, 2009 12:03 PM

To: brocious@base.sao.arizona.edu; cbeck@azdot.gov; Cindy\_Alvarez@blm.gov; daniel\_moore@blm.gov; dt1@azdeq.gov; David\_Jacobs@azag.gov; falco@cfa.harvard.edu; gfleming@asmi.az.gov; jmarques@ci.sahuarita.az.us; jmtannler@azwater.gov; julia.fonseca@pima.gov; jwindes@azgfd.gov; karen.howe@tonation-nsn.gov; lagrignano@azwater.gov; lee.allison@azgs.az.gov; Leslie.Ethen@tucsonaz.gov; LSwartzbaugh@asmi.az.gov; madan.singh@mines.az.gov; mark.harting@aztucs.ang.af.mil; Marjorie.E.Blaine@usace.army.mil; nicole.ewing-gavin@tucsonaz.gov; nicole.fyffe@pima.gov; ohenderson@ci.sahuarita.az.us; rcasavant@azstateparks.gov; stahle@ci.sahuarita.az.us

Cc: tciapusci@fs.fed.us; rlaford@fs.fed.us; beverson@fs.fed.us; mrorth@fs.fed.us; Melissa Reichard

Subject: Cooperating Agency Alternative

I am following up with members of the Cooperating Agencies (Agencies) working on the Rosemont Copper EIS. During the meeting last week, Forest Supervisor Jeanine Derby requested that the Agencies consider participating in the development an alternative to the Proposed Action. This alternative would then be analyzed throughout the EIS process if it meets the requirements under NEPA. The Coronado has requested that SWCA be available to assist the Agencies with the development of this alternative. However, the Agencies may work entirely independently of the Coronado and SWCA should they choose to do so.

We discussed several potential issues relating to the Proposal and began discussing potential elements of the Proposed Action (fully described in the 2007 Mine Plan of Operations) that could be modified to address some issues. However, several members from the Agencies expressed concern that they needed more

information regarding the alternatives currently being considered by the Coronado so that they do not create a duplicative alternative. It was also clear that additional meetings would be required.

Although there was no clear consensus among the group how to proceed, I would like to propose that we meet next Wednesday (December 2) from 9:00 am to 12:30 pm. This meeting will include a:

- 1) presentation on the alternative currently under consideration;
- 2) review of the issues, or groups of issues, driving the alternatives;
- 3) review of existing GIS data regarding resources;
- 4) open forum to further define those issues the Agencies believe should drive an alternative or elements of an alternative; and
- 5) identification of the major portions of the Proposed Action that the alternative will address.

The following information would be useful to me moving forward:

Is your Agency interested in participating in the development of an alternative?

Are there specific areas of expertise where your Agency's participation would be especially helpful?

Is your Agency interested in providing a leadership role for the remaining preparation of the alternative?

The Coronado will place all material from the meeting on their web site. SWCA will also send out meeting notes by COB on Friday, December 4. I welcome any suggestions for any information that you would like to have at the meeting on Wednesday. I can't promise that we'll be able to meet every request; however, we'll endeavor to accommodate them.

Have a happy Thanksgiving.

Tom Furgason

Rosemont Project Manager/Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ 85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

**From:** kendall brown/r3/usdafs;nsf;kbrown03@fs.fed.us;smt  
**Sent:** Thu Nov 05 2009 18:31:57 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Past, Present, and Future  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Be,  
I must have inadvertently deleted the Past, Present, and Future Actions table. Could you forward that to me again?  
Thanks.

D. Kendall Brown  
Range Program Manager  
Coronado National Forest  
(520) 237-3702  
E-mail: kbrown03@fs.fed.us

Beverley A Everson/R3/USDAFS  
10/26/2009 04:04 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
abelauskas@fs.fed.us, aelek@fs.fed.us, Deborah K Sebesta/R3/USDAFS@FSNOTES, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES  
Subject  
Re: Rosemont IDT homework - core and extended teams - EXTENDED IDT MEETING THIS WEDNESDAY!

I have to ask everyone to have your review of the draft DEIS done by Friday, with your written comments to me by close of business the same day. Once again, this should not be a lengthy review, and should not involve any editing. Focus on what is missing from the draft document and whether or not you feel that the legal framework is correct. I sent you the draft DEIS last week, but can send it again if needed.

Also, there will be an extended IDT meeting this Wednesday from 9:00 to 10:30 in 6V6. Reta has

requested this meeting, and she will be talking to us about 2010 program of work. District personnel can teleconference into the meeting to save a drive to the S.O.

Thank You!

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Beverley A Everson/R3/USDAFS  
10/19/2009 06:54 PM

To  
abelauskas@fs.fed.us, aelek@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS  
cc

Subject  
Rosemont IDT homework - core and extended teams

For core and extended, the following homework needs to be completed by the dates indicated. A lot of this work is not new to the team, however, at this point the work needs to have a wrap-up date.

1. Read all public comments on the project that are applicable to your resource area (October 30 deadline; this is something that I have asked the team to do for several months).
2. Review the draft DEIS, located in the "EIS" folder and divided into chapters to make downloading easier (November 6 deadline). This a very, very draft DEIS, and your review should be BRIEF...the intention is to identify holes in the draft DEIS (of which there are lots) and to check the legal framework of the document.
3. Complete the past present and future actions table, to be forwarded to you shortly (November 6 deadline; note that the deadline has been extended from October 30).
4. Review the alternatives disposal task list, also to be forwarded shortly (Nov. 6 deadline); note that a few people have specific tasks to complete.

Please let me know if you have questions, or if there is something I can do to help everyone make the deadlines).

Thanks -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Wed Jun 17 2009 17:43:00 EDT  
**To:** kathy arnold <karnold@rosemontcopper.com>  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** Fw: Meeting on Reclamation Plan  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

Hi Kathy,

Just wondering whether your team (Sage & Tetra Tech) are planning to meet with us sometime soon.

Please keep me posted. Thanks!

~~~~~

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

----- Forwarded by Debby Kriegel/R3/USDAFS on 06/17/2009 02:41 PM -----

Debby Kriegel/R3/USDAFS  
06/03/2009 11:23 AM

To  
Kathy Arnold <karnold@rosemontcopper.com>  
cc  
Beverley A Everson <beverson@fs.fed.us>, "Krizek, David" <David.Krizek@tetrattech.com>, mbidwell@swca.com, Debby Kriegel/R3/USDAFS@FSNOTES  
Subject  
Re: Meeting on Reclamation Plan

Kathy,  
If your team isn't ready to present their work yet, then Meeting after the 15th will be fine.

My availability that week:

Monday, June 15: available from 11 am until 3 pm.

Tuesday, June 16: available only before 9 am (note: I'm usually in the office by 7)

Wednesday, June 17: Bev can let you know if I will need to be at a core team meeting this day. If there's no meeting, I'd be available all day.

Thursday and Friday, June 18 & 19: available any time.

At our meeting on May 7, Joy and David asked for evaluation criteria and affected environment input from SWCA for tomorrow's meeting. I'm reviewing Marcie Bidwell's draft evaluation criteria today, and hopefully she can send this to you within a day or so. The affected environment section is expected by the end of this month.

Thanks.

Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

Kathy Arnold <[karnold@rosemontcopper.com](mailto:karnold@rosemontcopper.com)>  
06/03/2009 10:45 AM

To  
"dkriegel@fs.fed.us" <[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)>  
cc  
Beverley A Everson <[beverson@fs.fed.us](mailto:beverson@fs.fed.us)>, "Krizek, David" <[David.Krizek@tetrattech.com](mailto:David.Krizek@tetrattech.com)>  
Subject  
Meeting on Reclamation Plan

Debbie –

I spoke with David yesterday regarding a meeting on the Reclamation Plan items and based on the work that has been completed I think that we would be better off not meeting this week. I have forwarded your shape files to David for consideration and will chat with him either this afternoon or early next week. I propose that we review the possibility of meeting the week of the 15th so that some forward momentum will be made prior to sitting down for discussion as I understand you are unavailable next week.

Regards,  
Kathy

Katherine Arnold, PE | Director of Environmental and Regulatory Affairs

Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@rosemontcopper.com

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**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Apr 03 2008 12:28:26 EDT  
**To:** "Rion Bowers" <rbowers@swca.com>;tfurgason@swca.com;reta laford/r3/usdafs@fsnotes  
**CC:**  
**Subject:** RE: Rosemont Mine Plan  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Sounds good, Rion.

Concerning crediting Tetra Tech for the figures, do we have an option not to do it if the figures are pretty much identical to what they gave you?

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Rion Bowers" <rbowers@swca.com>  
04/03/2008 06:54 AM

To  
"Tom Furgason" <tfurgason@swca.com>, "Beverley A Everson" <beverson@fs.fed.us>  
cc

Subject  
RE: Rosemont Mine Plan

Bev,  
Sorry this was kind of a rough draft, but I wanted to get it to you so we had a document to discuss. My thoughts exactly on the numbers, I know these need to be checked because I found several discrepancies in the MPO. Will pare it down as you suggest, add the remaining sections and run it through editing.

The figures we are planning to use from the MPO and Rec plans were developed by WestLand and Tetra Tech. We have the latest versions as 8.5X11 color graphics. We can change the figure numbers to match

the summary document, however, do you want us to block out the WestLand and Tetra Tech names that are currently on these graphics?

Thanks,  
Rion

-----  
Rion J. Bowers  
Senior Project Manager - Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
e-mail: rbowers@swca.com  
Phone: (520) 325-9194  
Fax: (520) 325-2033

From: Tom Furgason  
Sent: Wednesday, April 02, 2008 10:05 PM  
To: Beverley A Everson  
Cc: Rion Bowers  
Subject: RE: Rosemont Mine Plan

Thanks Bev. We'll be in touch tomorrow.

Tom

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Wed 4/2/2008 2:35 PM  
To: Rion Bowers  
Cc: rlaford@fs.fed.us; Tom Furgason  
Subject: Re: Rosemont Mine Plan

Rion,

Attached is a version of the documents with some edits that I did (lime-green hi-lighting), and comments I made. I believe that the text of the document should not be more than about four or five pages long, including the sections that you still intend to add (not including maps and diagrams).

In general, here are my comments:

Simplify all the technical descriptions, and omit a lot of the detail, especially in the mining and milling descriptions (my turquoise hi-lighting and comments in the document).

Check ALL numbers against the MPO and the information sheet that was given out in the public meetings (some of the numbers in the info sheet may be more recent and accurate, such as acreages)

Let diagrams tell the story where possible, such as in demonstrating the location of tailings and waste rock

Keep all figures in standard units; don't mix in metric units (I think I saw some metric units in the document, though I can't seem to find them again...)

Have final write-up edited for spelling (tons vs. tones, etc.), grammatical corrections, etc.

Bev

(See attached file: Rosemont Proposal Summary\_4.2.08.doc)

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

"Rion Bowers"

<rbowers@swca.com

> To

"Beverley A Everson"

04/02/2008 07:35 <beverson@fs.fed.us> ,

AM <rlaford@fs.fed.us>

cc

"Tom Furgason" <tfurgason@swca.com>

Subject

Rosemont Mine Plan

Bev,

Here is the first few sections of the MPO. Remaining sections will be sent later today. I wanted you guys to see how it is developing and get some feedback.

<<Proposed\_Rosemont\_Mine\_Plan\_of\_Operations\_4.2.08.doc>>

-----  
Rion J. Bowers  
Senior Project Manager - Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701

RE: Rosemont Mine Plan

e-mail: [rbowers@swca.com](mailto:rbowers@swca.com)

Phone: (520) 325-9194

Fax: (520) 325-2033 (See attached file:

Proposed\_Rosemont\_Mine\_Plan\_of\_Operations\_4.2.08.doc)

## **Rosemont Cultural Resources**

### Meeting Notes

Parties: Tom Euler and Suzanne Griset, SWCA  
Mary Farrell and Bill Gillespie, Coronado National Forest  
Date: April 14, 2008  
Location: CNF Headquarters  
Re: Rosemont Mine Geotech Borings, Tribal Consultation, Ethnohistory, and Class III Inventory

1. Borings: Tom reported that SWCA cultural and natural resources personnel are at the project area this week, marking the locations of the 15 borings on CNF land, and will monitor the actual borings. A memorandum documenting this process will be completed and submitted to the CNF at completion of the drilling process.

2. Ethnohistory:

- SWCA inquired as to the scope of the ethnohistory; whether it should concentrate on Native American to the exclusion of all other occupants of the area. CNF staff wants it to include all.
- Suzanne mentioned that some of the distant tribes (Hopi, Chiricahua Apache) will be in Sierra Vista for a May 1<sup>st</sup> meeting with Fort Huachuca. She will contact the confirmed attendees to see if they are interested in meeting with her regarding the Rosemont project ethnohistory.
- Mary reported that CNF briefly discussed the Rosemont project in meetings they had concerning other issues with the tribes. Hopi (are concerned about the human remains from the ANAMAX project) and Four Southern Tribes (similar concern). Mary sent Suzanne this morning, electronic versions of letters/notes from White Mtn Apache and T.O. comments on the project.
- Mary also noted that other ethnohistorians have run into problems when they repeatedly ask the same question in different guises – sets up mistrust on the interviewee's part; and when they correct the informant on details.
- Bill mentioned Roger Anyon's report on behalf of the Hopi for the CNF Plan. Also that Peter Steere liked the studies done by CDA with tribes for the San Pedro River project.
- CNF has two existing tribal MOUs, with Hopi and Gila River Indian Community (GRIC), largely concerning grazing lands.

#### **ACTION ITEMS:**

Suzanne will send Bill a copy of McDonald's (2000) Overview of TCPs.

CNF will talk to Peter Steere of the Tohono O'dham Nation to set up a requested meeting at the San Xavier District. SWCA will provide graphics and other support as needed.

3. Class III Inventory:
- Tom has calculated a rough APE for the project using Sal's map of facilities and adding a buffer; he estimates ca. 5000 acres for resurvey, mostly CNF land.
  - SHPO consultation by CNF has already occurred. The SHPO's office wants 15 m transects wherever feasible (other than the steep slopes). She also thinks CNF should begin working on a MOA with all interested parties (CNF, SHPO, Advisory Council, Tribes, Bureau of Reclamation, BLM, +?) to mitigate adverse effects during the *data recovery phase*, but suggests they begin now.
  - Discussed which site record system to use (CNF and/or ASM). Concluded that both are needed, with ASM taking priority in the discussion of sites in the report; but including a concordance table, and citation of both site numbers at the first mention of a site..
  - Discussed how best to mark sites in the field; CNF wants SWCA to follow FS guidance and mark sites with a site datum and aluminum tags.

**ACTION ITEMS:**

Mary will send SWCA an electronic copy of the CNF letter to SHPO.

Bill will send SWCA his revised data on site locations (he used SWCA's Class I Records Search data and made some changes so that they fit CNF's requirements).

Bill will send Tom the USFS site recording guidance.

Tom will confer with Neal Weintraub at the Kaibab Forest to see if SWCA can use the FS mobile recording system and also formulate compatible data for ASM site records.

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Apr 15 2008 14:12:16 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:**  
**Subject:** FW: Article from Geology  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The sender added this:

I thought you would find this article interesting.

=====

Earth's copper resources estimated from tectonic diffusion of porphyry copper deposits

Stephen E. Kesler, Bruce H. Wilkinson (2008) Earth's copper resources estimated from tectonic diffusion of porphyry copper deposits. (): e.

Read the full-text article here:  
<http://dx.doi.org/10.1130%2FG24317A.1>

**From:** mary m farrell/r3/usdafs;nsf;mfarrell@fs.fed.us;smtp  
**Sent:** Wed Dec 30 2009 15:13:41 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** tfurgason@swca.com;sgriset@swca.com;william b gillespie/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;"melissa reichard" <mreichard@swca.com>  
**Subject:** Re: Final versions of mitigation tables and homework due Jan. 6  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev --

I downloaded the mitigation chart from the web site, made my changes to the heritage section, and uploaded it back up to EIS / Chapter 2, with my initials MMF and today's date as a suffix. If you have any trouble seeing it, let me know and I can send it via email, it's not too large.

Mary

Mary M. Farrell  
Heritage Program Leader and Tribal Liaison  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8391  
(520) 388-8305 (fax)

Beverley A Everson/R3/USDAFS  
12/23/2009 04:09 PM

To  
aelek@fs.fed.us, Deborah K Sebesta/R3/USDAFS@FSNOTES, dkriegel@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES  
cc

Subject  
Final versions of mitigation tables and homework due Jan. 6

Some of you weren't able to receive the links I sent from WebEx a few minutes ago, for the latest mitigation tables. You can find them in WebEx in Group Documents/EIS/Chapter 2/Chapter 2-mitigation. The documents are Supplemental Compilation (ACOE, Pima Co., etc) and Updated Mitigation Measures.

Both were posted today.

The core IDT will be meeting on Jan. 6 in 6V6 from 9:00 to 4:30 to do the final review of mitigation. Please review these lists beforehand, and extended team members not attending the meeting, provide comments on mitigation in your resource area(s) prior to the meeting so that they can be included in the meeting review.

Thanks, and happy holidays!

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Wed Jan 06 2010 10:01:09 EST  
**To:** <jsturgess@augustaresource.com>  
**CC:** <beverson@fs.fed.us>; <rlaford@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>; "jonathan rigg" <jrigg@swca.com>  
**Subject:** Urgent Action Required- Mitigation Meeting  
**Attachments:**

**Importance:** Normal  
**Priority:** Urgent  
**Sensitivity:** None

Jamie:

Thank you for the update last night. I will expect to see Rosemont's work on the mitigation later today. In order for this to make it into the Jan. 15 draft of the EIS we will need to meet this week with the FS ID Team members and resolve any outstanding issues. I recommend:

- 1) SWCA compile all of Rosemont's work and distribute to the Coronado ID Team;
- 2) The Coronado submit to SWCA everything that their specialists have completed to date by COB today;
- 3) Bev and Mindee schedule meetings with the IDT over the course of Thursday (tomorrow) afternoon and Friday morning to work through the mitigation list. It would be best if core members of the Coronado (Bev, Mindee, Reta), Rosemont, and SWCA (Tom and Jonathan) were available for the majority or all of the meetings. We could have the Coronado Specialists schedule 15-45 minute time slots depending on what they perceive their need is. I suspect that some specialists won't need much time if they are already comfortable with the previous mitigation proposed.

---

Bev:

Can you work with your team to make this happen? My feeling is that if we put this off until next week it will not make the Jan 15 draft and then the specialists may lose their opportunity to comment on the mitigation section before it is sent to Region on Feb 15.

If this is not possible, would you please recommend an alternate course of action that will still allow us to keep on schedule. Thank you.

Tom

**From:** "emily belts" <ebelts@epgaz.com>  
**Sent:** Wed Jan 06 2010 10:14:41 EST  
**To:** <human@ag.arizona.edu>; <jwood@epgaz.com>; <chris.kaselemb@tucsonaz.gov>; <daniel\_j.moore@blm.gov>; <emeraldf@cox.net>; <kabrahams@diamondven.com>; <ksettel@fs.fed.us>; <mswalden@greenvalleypecan.com>; <obenderson@ci.sahuarita.az.us>; <fbotton@land.az.gov>; <markkonharting@gmail.com>; <mark.harting@aztucs.ang.af.mil>; <marshall@magruder.org>; <deadass14@msn.com>; <blannarino@diamondven.com>; <beverson@fs.fed.us>; <tdlapud@fs.fed.us>; <cindy\_alvarez@blm.gov>; <tubaclaweyer@lad.com>; <linda\_hughes@blm.gov>; <mweirberg@diamondven.com>; <chelsa.johnson@epgaz.com>; <clargason@vaca.com>; <cpireor@tep.com>; <ebeck@tep.com>; "emily belts" <ebelts@epgaz.com>; <gchen@ci.cox.net>; <skarnold@rosemontcopper.com>; <lucero@tep.com>; "lauren weinstein" <lweinst@epgaz.com>; <law@krsaline.com>; <latiken@tep.com>; <streslin@tep.com>; <ebakken@tep.com>; "tinwood e smith" <tmsthe@epgaz.com>; "stee swanson" <sswanson@epgaz.com>; "paul trenter" <ptrenter@epgaz.com>; "robert pape" <rpape@epgaz.com>; "steven shelley" <sshelley@epgaz.com>  
**Subject:** Rosemont 138KV Transmission Line Project - Open Dates for Optional Stakeholder Group Field Trip  
**Attachments:**  
**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello all,

Happy New Year!

We are looking for open dates in January for the field trip discussed at the last meeting (December 10, 2009). Please provide us with good/bad dates for you this month starting next week.

Please respond by the end of this week so we can begin making the arrangements.

Thanks.

Emily Belts  
Environmental Planner

EPG  
Environmental Planning Group  
Phoenix, Arizona  
602-956-4370 phone  
602-956-4374 fax  
<http://www.epgaz.com>

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**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Wed Jan 06 2010 16:07:16 EST  
**To:** teresa ann ciapusci/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes;tfurgason@swca.com  
**Subject:** Jan 21st Coop Agency agenda topics  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Report out - Cooperating agency-led alternative development  
Presentation - Pima County alternative idea (December ?? letter re: McCleary Alternative)  
Report from Rosemont - Pit Backfill alternative analysis  
Report out - third party analysis of alternative ideas  
Report out from Mitigation Lands working group

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Thu Jan 07 2010 12:03:26 EST  
**To:** tfurgason@swca.com  
**CC:** beverley a everson/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;debby kriegel/r3/usdafs@fsnotes  
**Subject:** Fw: Rosemont - Schedule for Recreation and Visual Quality Work  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Please send me a copy of Steve's SOW. I'd like one for Marcie's work too. I currently have no idea of what they intend to get done before the upcoming deadlines for draft EIS.

Thanks.

----- Forwarded by Debby Kriegel/R3/USDAFS on 01/07/2010 10:00 AM -----

"Stephen Leslie" <sleslie@swca.com>  
12/18/2009 12:54 PM

To  
"Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
"Tom Furgason" <tfurgason@swca.com>  
Subject  
RE: Rosemont - Schedule for Recreation Work

Debby

I've left you two voice messages regarding the recreation SOW. I've already submitted a SOW to Tom based on your requested list of tasks.

Steve

From: Debby Kriegel [mailto:dkriegel@fs.fed.us]  
Sent: Friday, December 18, 2009 11:52 AM  
To: Stephen Leslie  
Cc: Tom Furgason; Debby Kriegel  
Subject: Rosemont - Schedule for Recreation Work

Steve,

I haven't heard from you since I submitted my comments on your draft Affected Environment chapter on

November 5. When will you provide a revised draft?

Please put together a proposed schedule for completing recreation work, and submit it to me by January 4th. Attached is a list of tasks; you'll need to assign a date to each task. Most should look very familiar to you, and hopefully some you've already done. As you know, there is a January 15 DEIS internal review and the DEIS goes to the printer on March 15. There is a lot of recreation work to do.

I'm also attaching the formal comments from the Arizona Trail Association.

If you are having problems making progress on this project, please let me and Tom know immediately.

Thanks.

~~~~~  
Debby Kriegel, RLA  
Landscape Architect  
Coronado National Forest  
300 W. Congress  
Tucson, AZ 85701  
(520) 388-8427  
Fax (520) 388-8305  
[www.fs.fed.us/r3/coronado/](http://www.fs.fed.us/r3/coronado/)  
[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Thu Jan 07 2010 13:45:21 EST  
**To:** debby kriegel/r3/usdafs@fsnotes;jrigg@swca.com  
**CC:** beverley a everson/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;tfurgason@swca.com  
**Subject:** mitigation table additions - dark skies  
**Attachments:** 12-17 Total Compilation Version with Disposition and Comments\_SD.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I have added the extra column and marked those mitigation measures that apply to the Dark Sky resource. The goal is clear dark night skies without light, dust, smoke, and other pollutants. There are a lot as I included every measure that would reduce dust, wildfires (e.g., invasive species reduction), produce a healthy reclaimed area free of dust pollution and open unvegetated areas. This also can include controlling stormwater, monitoring groundwater loss, car-pooling to reduce dust and emissions, etc.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332



ROSEMONT COPPER

Investment

2017-2018

!!!!Core team meeting tomorrow morning with Jeanine and Reta - please read

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Jan 07 2010 18:54:43 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
aelek@fs.fed.us;deborah k  
sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;lJones02@fs.fed.us;mary m  
**CC:** farrell/r3/usdafs@fsnotes;melinda d  
roth/r3/usdafs@fsnotes;mreichard@swca.com;rlefevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** !!!!Core team meeting tomorrow morning with Jeanine and Reta - please read  
**Attachments:**

**Importance:** Normal  
**Priority:** Urgent  
**Sensitivity:** None

Jeanine and Reta have asked for a meeting tomorrow morning to discuss the idea of having an alternative that puts Rosemont waste material in the upper Las Cienegas Watershed (this idea came up in our site visit with Horst Schor). We'll be meeting in Jeanine's office at 11:00. Core team members please attend if possible. Extended team members are optional.

Thanks.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Jan 08 2010 18:28:46 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
aelek@fs.fed.us;deborah k  
sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary m  
**CC:** farrell/r3/usdafs@fsnotes;melinda d  
roth/r3/usdafs@fsnotes;mreichard@swca.com;rlefevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Continued mitigation review (see table I forwarded this morning) on Monday; extended team welcome also...  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We'll be meeting at 1:00 in 4B. Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Sun Jan 10 2010 22:57:48 EST  
**To:** <beverson@fs.fed.us>  
**CC:** "melinda d roth" <mroth@fs.fed.us>; <rlaford@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** FW: Draft Review of Pima County Proposed Alternative  
**Attachments:** 20100109\_ortman\_furgason\_pima co alt revu\_memo.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

Attached is Dale's review of Pima County's Alternative that they proposed in their December 10, 2009 letter. Please let me know if you have any comments or if we can finalize this.

Tom

From: Dale Ortman PE [mailto:daleortmanpe@live.com]  
Sent: Sun 1/10/2010 11:55 AM  
To: Tom Furgason  
Cc: Melissa Reichard  
Subject: Draft Review of Pima County Proposed Alternative

Tom,

Attached for your review is a draft memorandum reviewing the Pima County proposed alternative.

Cheers,

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

(520) 896-2404 - Arizona Office

(520) 449-7307 - Mobile

(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

- 20100109\_ortman\_furgason\_pima co alt revu\_memo.pdf

**From:** "blaine, marjorie e spl" <marjorie.e.blaine@usace.army.mil>  
**Sent:** Tue Jan 12 2010 12:10:26 EST  
**To:** "tom furgason" <tfurgason@swca.com>  
**CC:** "teresa ann ciapusci" <tciapusci@fs.fed.us>; <mroth@fs.fed.us>; <beverson@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: Alternatives Considered but Dismissed Technical Review Memorandum - Draft for CNF Review  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Tom

Thank you. I would appreciate it very much if you could fedex this document to me so I can adequately review it and have it for my file. My desk printer will burn up with that many copies at one time :) and our office printer is not working right now. I am meeting with WL on Thurs to discuss alternatives and I'd like to have read this by then so if it's possible to have it to me by tomorrow, that would be fantastic.

Thanks very much.

Marjorie  
In the interest of the environment, please print only if necessary and recycle

-----Original Message-----

From: Tom Furgason [mailto:tfurgason@swca.com]  
Sent: Friday, January 08, 2010 9:54 AM  
To: Blaine, Marjorie E SPL  
Cc: Brian Lindenlaub; Teresa Ann Ciapusci; mroth@fs.fed.us; beverson@fs.fed.us; Melissa Reichard  
Subject: FW: Alternatives Considered but Dismissed Technical Review Memorandum - Draft for CNF Review

Marjorie:

Brian Lindenlaub requested that SWCA forward the attached draft technical review memorandum Rosemont Copper Project Review of Alternatives Considered but Dismissed (December 16, 2009) prepared by SRK Consulting (SRK) on behalf of the Coronado. The transmission of this draft document is intended to assist the COE with the 404(b)(1) Alternatives Analysis.

The original SOW contained sixteen Alternatives Considered by Dismissed (ACD) for review by SRK; however the number of ACD's was reduced to eleven by SWCA as subsequent decisions by SWCA and the Coronado eliminated five of the original ACD's from further evaluation. The original list of sixteen ACD's is

presented below with the five eliminated ACD's indicated with a brief explanation as to why they were eliminated from the list.

Feel free to contact me or Bev Everson if you have any questions.

Tom Furgason

Program Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ 85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

#### Summary of Alternatives Considered but Dismissed for Additional Evaluation

1. Dispose of Tailings and Waste Rock at Existing Mines on West Side of Green Valley - Coronado contacted the mines on the west side of Green Valley and all refused to consider accepting Rosemont tailings or waste rock.
2. Dispose of Waste Rock and Process Ore at Existing Mines on West Side of Green Valley with Rail Transportation via Tunnel through Santa Rita Mountains - Coronado contacted the mines on the west side of Green Valley and all refused to consider accepting Rosemont tailings or waste rock.
3. Dispose of Tailings and Waste Rock on West Side of Santa Rita Mountains
4. Mechanical Conveyance of Ore to Rail Head
5. Use In Situ Mining
6. Use High-Pressure/High-Temperature Leaching for Ore Processing
7. Use Underground Mining In Lieu of Open Pit Mining - Underground mining does not recover the same amount of economic mineral resource as open pit mining; hence it does not meet the Purpose and Need for the project or comply with the proponent's right to recover the identified economic mineral resource.
8. Backfill Open Pit - Pit backfill has been designated as an Alternative for

inclusion in the EIS.

9. Modify Mine Operating Life

10. Suspend Mining during Certain Environmental Conditions (high wind, drought, excellent visibility, or restrict to night or daytime only operations)

11. Use Sea Water for Mining and Ore Processing Operations

12. Use Reclaimed Water for Mining and Ore Processing Operations

13. Use Waste Rock for Industrial Uses - No industrial uses for the type or amount of waste rock are known to exist that could possibly reduce the amount of waste rock disposed on site to any significant extent.

14. Use Microbial Leaching for Ore Processing

15. Alternative: Replace Internal Combustion Engines on Tailings and Water Pumps and on Other

Processing Equipment with Electric Motors

16. Alternative: Reconstruct the McCleary Drainage Features as Part of Closure

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed Jan 13 2010 19:32:43 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
aelek@fs.fed.us;deborah k  
sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary m  
**CC:** farrell/r3/usdafs@fsnotes;melinda d  
roth/r3/usdafs@fsnotes;mreichard@swca.com;rlefevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Head's up - DEIS review and overtime (we will be receiving DEIS Friday, and need to review by Jan. 22)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

SWCA will be submitting the DEIS for our review by COB this Friday, Jan. 15. Review and comments on the DEIS will be due from the all extended IDT by Friday Jan. 22.

Up to 20 hours of overtime for this work has been authorized for this pay period and the next pay period (pp. 1 and 2). Please let Mindee know if you are going to need overtime, or comp. time, and please specify which you need.

Thanks.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smt  
**Sent:** Fri Jan 15 2010 18:11:12 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
aelek@fs.fed.us;deborah k  
sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary m  
**CC:** farrell/r3/usdafs@fsnotes;melinda d  
roth/r3/usdafs@fsnotes;mreichard@swca.com;rlefevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;turgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;jrigg@swca.com;reta laford/r3/usdafs@fsnotes;charles a blair/r3/usdafs@fsnotes  
**Subject:** Rosemont extended IDT DEIS review  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I'd like to remind the team that we will be receiving the DEIS from SWCA by COB today. In order to effectively and efficiently review the DEIS, please focus on reviewing chapter 2, your resource areas, and making note of omissions in the DEIS. Don't spend time word-smithing, as the document still faces a lot of editing.

I would like to have an IDT meeting on Wednesday the 20th (9:00, 6V6) so that we can all compare notes and see how the review is going for everyone. This will probably be a very short meeting, unless some of us see the need to work with others in completing the review and want to work as a group or in smaller groups.

Since both the core and extended team are involved in the review, I would like for all team members to attend the meeting. Nogales folks can join by phone if you prefer.

Thank you -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Jan 18 2010 20:37:01 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>  
**CC:** "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: AR Follow-up  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

I believe that we are all caught up at this time. However, Melissa keeps a running list and I'll need to confirm this with her tomorrow.

Tom

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Mon 1/18/2010 2:29 PM  
To: Tom Furgason  
Subject: Re: AR Follow-up

Tom, I assume that your concerns and questions have been addressed at this point. Is that correct? Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Tom Furgason" <tfurgason@swca.com>

01/06/2010 05:36 PM

To  
<beverson@fs.fed.us>

CC  
<mroth@fs.fed.us>, "Reta Laford" <rlaford@fs.fed.us>, "Sarah L Davis" <slDavis@fs.fed.us>, "Melissa Reichard" <mreichard@swca.com>

Subject  
AR Follow-up

Bev,

Please find attached the final Project Record Schema as discussed. This closely mimics the DEIS table of contents. Please be advised that any further changes to the record schema will likely result in a timeline extension.

In our discussion yesterday, Melissa mentioned concerns about the Record being completed according to the current deadline. As a follow-up to our discussion, Melissa and I met again late yesterday to address any current challenges she has encountered. With further explanation, Melissa and I gained clarity on possible solutions to her issues. Melissa and I both feel very confident that SWCA can meet our April 30 (DEIS NOA) deadline, with timely cooperation and participation by the Coronado and Rosemont's consulting team. In order to present the Project Record to the Coronado by April 30, we need the following:

1. The final guidance on documentation requirements for references by Monday, January 11
2. All reference documentation provided by the Coronado and Rosemont by Monday, March 1

I have also enclosed the updated Record question tracking sheet which summarizes all of the decisions made in yesterday's meeting. We will anxiously await Sarah's final guidance on the need for retention of original electronic file formats.

In our meeting, we were all able to understand the complexity of this record, the challenges that arise and the need for rapid documentation submission. It is crucial that SWCA receive timely guidance/answers on any questions that arise while progress is made on the record. We believe that making the Record an item regularly discussed during our weekly management meeting should help address that.

Tom Furgason  
Program Director  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, AZ 85701  
(520) 325-9194 ext. 110  
(520) 820-5178 mobile  
(520) 325-2033 fax

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue Jan 19 2010 10:47:51 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Fw: DEIS Chapter 1, available for review -Fw: Rosemont extended IDT DEIS review  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 01/19/2010 08:47 AM -----

Reta Laford/R3/USDAFS  
01/19/2010 12:08 AM

To  
Beverley A Everson/R3/USDAFS@FSNOTES, aelek@fs.fed.us, Deborah K Sebesta/R3/USDAFS@FSNOTES, dkriegel@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, jrigg@swca.com, Reta Laford/R3/USDAFS@FSNOTES, Charles A Blair/R3/USDAFS@FSNOTES  
cc

Subject  
DEIS Chapter 1, available for review -Fw: Rosemont extended IDT DEIS review

Attached is the current latest draft of Chapter 1. It is considerably different than the version previously provided by SWCA. Note that the decision framework sections for BLM and COE (pages 11-12) have been omitted as we are still working with those agencies on the language. Also note that this version of Chapter 1 does not include the issue wording as I am still editing it from the IDT materials, new information, and consideration of the DEIS Chapter 3 text. However, as an IDT member you should be generally familiar with the issues adequately to review and critique the alternatives and your resource areas. If you have suggested edits or comments on the attached draft text, please see me personally. You may need to email me for an appointment since I have several meetings to work around. Thx.

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)  
Fax: 520-388-8305  
Email: rlaford@fs.fed.us

-----  
----- Forwarded by Reta Laford/R3/USDAFS on 01/18/2010 04:01 PM -----

Beverley A Everson/R3/USDAFS  
01/15/2010 04:11 PM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
aelek@fs.fed.us, Deborah K Sebesta/R3/USDAFS@FSNOTES, dkriegel@fs.fed.us, ecuriel@fs.fed.us,  
gmckay@fs.fed.us, kbrown03@fs.fed.us, kelleth@fs.fed.us, ljones02@fs.fed.us, Mary M  
Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com,  
rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, tfurgason@swca.com,  
Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, jrigg@swca.com, Reta  
Laford/R3/USDAFS@FSNOTES, Charles A Blair/R3/USDAFS@FSNOTES  
Subject  
Rosemont extended IDT DEIS review

I'd like to remind the team that we will be receiving the DEIS from SWCA by COB today. In order to effectively and efficiently review the DEIS, please focus on reviewing chapter 2, your resource areas, and making note of omissions in the DEIS. Don't spend time word-smithing, as the document still faces a lot of editing.

I would like to have an IDT meeting on Wednesday the 20th (9:00, 6V6) so that we can all compare notes and see how the review is going for everyone. This will probably be a very short meeting, unless some of us see the need to work with others in completing the review and want to work as a group or in smaller groups.

Since both the core and extended team are involved in the review, I would like for all team members to attend the meeting. Nogales folks can join by phone if you prefer.

Thank you -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** "rion bowers" <rbowers@swca.com>  
**Sent:** Wed Apr 16 2008 14:57:45 EDT  
**To:** "kathy arnold" <karnold@augustaresource.com>; <jdavis@elmontgomery.com>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** "tim j. allen" <tallen@elmontgomery.com>; <jsturgess@augustaresource.com>; "tom euler" <teuler@swca.com>; "tom furgason" <tfurgason@swca.com>  
**Subject:** Rosemont Mine Geotech Arch/Agave Clearance (SWCA File 12267)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Project Update: 4/16/2008

SWCA was on-site Monday and Tuesday and met with representatives of Tetra Tech and Montgomery & Associates. We have cleared and staked sites: C7/RP3, C11, HC2, C15/RP5, C8, C9, and C14.

Site C8 has (1) agave and C15 has (12) agaves that will need to be transplanted/mitigated. At the request of Tim Allen (Montgomery), HC2 was relocated and now encroaches into a wash. We may need re-evaluate the location of this site, as I am not aware of the site-specifics of why it was moved from the original location.

Clearance is going to take a little longer than I indicated yesterday. SWCA is not on site today, but will clear the remaining sites Thursday and Friday.

I understand that Tim Allen asked about clearing another short access road that may not be covered in the current Plan of Operations. We will not clear any areas not covered in the current POO without approval from the CNF.

Please call with any questions.

Regards,

-----  
Rion J. Bowers  
Senior Project Manager - Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
e-mail: rbowers@swca.com  
Phone: (520) 325-9194  
Fax: (520) 325-2033

**From:** teresa ann ciapusci/r3/usdafs;nsf;tciapusci@fs.fed.us;smtp  
**Sent:** Wed Jan 20 2010 10:42:47 EST  
**To:** "blaine, marjorie" <marjorie.e.blaine@usace.army.mil>;jeanine derby/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**CC:** tfurgason@swca.com;"alvarez, cindy" <cindy\_alvarez@blm.gov>;daniel.moore@blm.gov;melinda d roth/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**Subject:** Presentation of Army Corps of Engineers Alternatives  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Marjorie -

Jeanine and Reta are available to meet with you at 09:00 am on January 26 so you can present the set of alternatives the Corps wishes to see included in the Rosemont Copper Project DEIS. Please bring copies of any maps or other materials and send them to me electronically in advance of the meeting so I can get copies into the Administrative Record.

Cindy and Dan -

Marjorie requested this meeting to discuss the Corps needs with regard to the range of alternatives. Because BLM is also making decisions from the Rosemont environmental study, you are also invited to attend this presentation.

I have reserved Conference Room 1823 in the DiConcini Courthouse Building across the street from the Federal Building for this meeting. Entrance to the conference rooms is to the right of the Cafe entrance. You must knock on the door and a guard will provide access to the building. You will need ID to enter. The room will be available to us until noon.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

**From:** "blaine, marjorie e spl" <marjorie.e.blaine@usace.army.mil>  
**Sent:** Wed Jan 20 2010 11:46:34 EST  
**To:** "teresa ann ciapusci" <tciapusci@fs.fed.us>; "jeanine derby" <jderby@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>  
**CC:** <tfurgason@swca.com>; "alvarez, cindy" <cindy\_alvarez@blm.gov>; <daniel.moore@blm.gov>; "melinda d roth" <mroth@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**Subject:** RE: Presentation of Army Corps of Engineers Alternatives  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Teresa Ann

Thank you very much. I have this on my calendar. Could you pls let me know which way "across the street is"....is that to the east or to the south? Where is the best parking?

I would imagine we can get through this in an hour and the max amount of time I'll have is 1.5 hours. Thanks for putting this together.

Marjorie  
In the interest of the environment, please print only if necessary and recycle

-----Original Message-----

From: Teresa Ann Ciapusci [mailto:tciapusci@fs.fed.us]  
Sent: Wednesday, January 20, 2010 8:43 AM  
To: Blaine, Marjorie E SPL; Jeanine Derby; Reta Laford  
Cc: tfurgason@swca.com; Alvarez, Cindy; daniel.moore@blm.gov; Melinda D Roth; Beverley A Everson  
Subject: Presentation of Army Corps of Engineers Alternatives

Marjorie -  
Jeanine and Reta are available to meet with you at 09:00 am on January 26 so you can present the set of alternatives the Corps wishes to see included in the Rosemont Copper Project DEIS. Please bring copies of any maps or other materials and send them to me electronically in advance of the meeting so I can get copies into the Administrative Record.

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Teresa Ann Ciapusci  
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(520) 237-0879 cellular  
(520) 388-8305 fax

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Thu Jan 21 2010 15:09:34 EST  
**To:** reta laford/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;mreichard@swca.com;tfurgason@swca.com;karnold@rosemontcopper.com;mary@strongpointpr.com;jsturgess@augustaresource.com  
**CC:** jeanine derby/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes  
**Subject:** Public Participation Planning Meeting Jan 25th  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We're on for Monday, Jan. 25th from 1:00 to 3:00 in room 6V6 at the federal building to brainstorm the topic of public notices, meetings, etc for the DEIS rollout to the public. Please feel free to extend this invitation to others as needed. The postcard query to determine EIS numbers and formats for publication will also be discussed so it can move forward. Thx.

Tom, Would you consider having Melissa attend? She has a wealth of background from Mar-July 2008.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Need a list of people's titles for Index

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Thu Jan 21 2010 17:09:23 EST  
**To:** "melinda d roth" <mroth@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "sarah l davis" <sldavis@fs.fed.us>; "tom furgason" <tfurgason@swca.com>  
**Subject:** Need a list of people's titles for Index  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Mindee-

Could you please send me a list of all the IDT members' titles for entry on the index. We have not put many titles to date and need to. We currently have many different titles for different people.

For example,

Bev Everson: Forest Geologist, Geology & Minerals Program Specialist, IDT Leader.

Whatever title you send me will be the title that will be recorded into the index.

Thanks for the help!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

**From:** tfurgason@swca.com  
**Sent:** Fri Jan 22 2010 10:06:15 EST  
**To:** "mary rowley" <mary@strongpointpr.com>; "melinda roth" <mroth@fs.fed.us>; "reta laford" <rlaford@fs.fed.us>; "bev everson" <beverson@fs.fed.us>; "heidi schewel" <hschewel@fs.fed.us>; mreichard@swca.com; "kathy arnold" <karnold@rosemontcopper.com>; "jamie sturgess" <jsturgess@augustaresource.com>  
**CC:** "jeanine derby" <jderby@fs.fed.us>  
**Subject:** Re: Public Participation Planning Meeting Jan 25th [Scanned]  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

See you then. Tom

Sent from my Verizon Wireless BlackBerry  
**From:** "Mary Rowley" <mary@strongpointpr.com>  
**Date:** Thu, 21 Jan 2010 14:48:37 -0700  
**To:** Melinda D Roth <mroth@fs.fed.us>; Reta Laford <rlaford@fs.fed.us>; Beverley A Everson <beverson@fs.fed.us>; Heidi Schewel <hschewel@fs.fed.us>; <mreichard@swca.com>; <tfurgason@swca.com>; <karnold@rosemontcopper.com>; <jsturgess@augustaresource.com>  
**Cc:** Jeanine Derby <jderby@fs.fed.us>  
**Subject:** RE: Public Participation Planning Meeting Jan 25th [Scanned]

Great! See you then.

Thanks,  
Mary

**From:** Melinda D Roth [mailto:mroth@fs.fed.us]  
**Sent:** Thursday, January 21, 2010 1:10 PM  
**To:** Reta Laford; Beverley A Everson; Heidi Schewel; mreichard@swca.com; tfurgason@swca.com; karnold@rosemontcopper.com; Mary Rowley; jsturgess@augustaresource.com  
**Cc:** Jeanine Derby; Melinda D Roth  
**Subject:** Public Participation Planning Meeting Jan 25th [Scanned]

We're on for Monday, Jan. 25th from 1:00 to 3:00 in room 6V6 at the federal building to brainstorm the topic of public notices, meetings, etc for the DEIS rollout to the public. Please feel free to extend this invitation to others as needed. The postcard query to determine EIS numbers and formats for publication will also be discussed so it can move forward. Thx.

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Mindee Roth

CoronadoNational Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
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(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri Jan 22 2010 13:06:47 EST  
**To:** "jeff connell" <jconnell@swca.com>; "cara bellavia" <cbellavia@swca.com>  
**CC:** "sarah l davis" <sldavis@fs.fed.us>; "bev everson" <beverson@fs.fed.us>; "melinda roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>; "jonathan riggs" <jriggs@swca.com>; "heidi orcutt-gachiri" <hgachiri@swca.com>  
**Subject:** FW: Economic Impact on Pima County of Wildlife Related Recreation  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Jeff and Cara,

Yesterday Dr. Singh gave a presentation to the Cooperating Agencies on the Socioeconomic impacts resulting from the Rosemont Project. Among other things, he asserted that tourism isn't likely to be significantly affected by Rosemont. Following is a rebuttal from AGFD that you should consider in the preparation of your section. I'll let you know when the presentation is available. Most of it will not be useful whatsoever because Dr. Singh was not able to provide references.

Tom

Hi Teresa Ann,

I wanted to draw the Forest's attention to three reports that the Forest needs to become familiar with when examining the economic impact of the Rosemont Copper Project. In Dr. Singh's report today he indicated that outdoor recreational activities contributed a quote "miniscule" amount to the local economy. Our figures show differently. It is my understanding that wildlife-related recreation is #2 behind the impact of Mexican Visitors as major economic impact on Pima County. For hunting and fishing alone, expenditures resulted in \$84 million in direct impact, with a total of \$105 million when indirect impacts were included. 1897 jobs are dependent on hunting and fishing, with a total state tax revenue for Pima Co impact resulting in 5.4 million.

For non-consumptive users the numbers are even higher:

Pima  
Retail Sales 173,544,691  
Total Multiplier Effect \$326,536,328  
Salaries and Wages \$90,726,309  
Full & Part-Time Jobs 3,196  
State Sales & Fuel Tax Revenues \$9,908,109  
State Income Tax Revenues \$2,267,822  
Federal Income Tax Revenues \$15,820,112

Here is a link to the three reports below [http://www.azgfd.gov/w\\_c/survey\\_results.shtml](http://www.azgfd.gov/w_c/survey_results.shtml)

- Economic Impact Analysis for Nonconsumptive Wildlife-Related Recreation in Arizona
- The Economic Importance of Off-Highway Vehicle Recreation

- The Economic Importance of Hunting and Fishing

John Windes  
Wildlife Habitat Program Manager  
Arizona Game & Fish Department  
Tucson Regional Office  
555 N. Greasewood  
Tucson, AZ 85745  
(ph) 520-388-4442  
(fax) 520-628-5080

Click [here](#) to Sign up for AZGFD eNews and receive the latest news and information on wildlife issues and events, outdoor tips, education programs, regulations, and more.

Our Mission:

To conserve, enhance, and restore Arizona's diverse wildlife resources and habitats through aggressive protection and management programs, and to provide wildlife resources and safe watercraft and off-highway vehicle recreation for the enjoyment, appreciation, and use by present and future generations

Re: input to me and Mindee of comments on DEIS - there are problems with using Correspondence Data Base - please read

**From:** eli curiel/r3/usdafs;nsf;ecuriel@fs.fed.us;smtp  
**Sent:** Fri Jan 22 2010 13:54:42 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: input to me and Mindee of comments on DEIS - there are problems with using Correspondence Data Base - please read

**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

No comments on the Hazmat section....looks ok for this round

Eli Curiel Jr., P.E.  
Environmental/Transportation Engineering  
Coronado National Forest Office: 520.388.8413  
300 W. Congress FAX: 520.388.8332  
Tucson, AZ 85701 Cell: 520.444.0307

Beverley A Everson/R3/USDAFS  
01/22/2010 11:27 AM

To  
aelek@fs.fed.us, Charles A Blair/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES,  
dkriegel@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, jrigg@swca.com, kbrown03@fs.fed.us,  
kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D  
Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, Reta Laford/R3/USDAFS@FSNOTES, rlefevre@fs.fed.us,  
sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, tfurgason@swca.com, Walter  
Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES  
cc

Subject  
input to me and Mindee of comments on DEIS - there are problems with using Correspondence Data Base -  
please read

One problem with using CDB is that everyone has to have signing authority. There also have been questions from the team about attaching large parts of the DEIS to correspondence in the database, and it sounds like it is difficult to cut out small pieces of the DEIS to a CDB memo.

So, for now at least, I suggest that we use the J Drive for a filing space for comments and edits. Please file your comments in J/fsfiles/Office/EIS/RosemontEIS/Draft. After filing your comments, send an email to

Mindee and me to let us know that you've submitted your comments.

I apologize for changing gears on everyone in terms of the process you should be using for submitting comments. Please give me a call if you have any questions.

Don't forget that your comments are due by COB today.

Thanks -

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Fri Jan 22 2010 16:22:05 EST  
**To:** "Jonathan rigg" <jrigg@swca.com>;"tom furgason" <tfurgason@swca.com>  
**CC:** beverson@fs.fed.us;jsturgess@rosemontcopper.com;karnold@rosemontcopper.com;rlaford@fs.fed.us;melinda d roth/r3/usdafs@fsnotes  
**Subject:** Re: Updated Rosemont Mitigation Table  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Jonathan/Tom,

Thanks for today's update. Bev and I will facilitate the forest's review and input. We have a concern that, thru editing, original comments and ideas may have been lost and thus not completely documented for disposition. Have you tracked this to ensure nothing was lost in translation? If not, how would you suggest that be done? If the numbering system has remained the same on various versions, the first version could easily be compared to the current version to ensure the original comment is captured and tracked somewhere.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

"Jonathan Rigg" <jrigg@swca.com>

01/22/2010 01:48 PM

To  
<beverson@fs.fed.us>, "Melinda D Roth" <mroth@fs.fed.us>, <rlaford@fs.fed.us>,  
<jsturgess@rosemontcopper.com>, <karnold@rosemontcopper.com>

cc  
"Tom Furgason" <tfurgason@swca.com>

Subject  
Updated Rosemont Mitigation Table

Good afternoon all,

My apologies on getting this out a bit later than noon- The Rosemont mitigation table has been updated per our meetings over the last few weeks. Please review the table and let me know if there is anything that I missed or deviates significantly from what the group agreed upon. Per our discussions, any mitigation land items have been pulled from their respective resource section (although still identified in the resource's Category 5 subsection) and accumulated into a separate "Off-Site Mitigation Land" section toward the end of the list. These items have not yet been codified due to potential conflicts of which resources the off-site mitigation lands may mitigate (i.e. hunting vs. wildlife preservation), although the ACOE requirements can be codified as a 1. I also copied any monitoring related mitigation measures into a compilation list at the bottom of the list as well. The monitoring compilation list is not intended to be a complete list, just what came up in this table.

I highlighted the measures that need further clarification or editing in the Comment column and the person in charge of the clarification/edit . If these edits, or any others, change the disposition category of the measure or results in a significant change, please correspond with the counterpart at RCC (Kathy and/or Jamie) or Coronado (Bev, Reta, and/or Mindee) to obtain agreement on the updated measure prior to resubmitting. Obtaining the agreement before submitting will help document control and avoid having to create more versions of the table than is necessary.

Other items that have yet to be completely fleshed out are:

- Citing specific laws, regulations, and policies
- Documenting the NEPA reasoning behind a measure not being carried forward
- "Other Resource Benefit" column

If you have any questions, or have a recommendation on how to proceed with the editing, please let me and/or Tom know.

Have a great weekend!

Jonathan Rigg  
Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona  
Phone: (520) 325-9194  
Fax: (520) 325-2033  
Email: jrigg@swca.com[attachment "1-22-09 Total Compilation.docx" deleted by Melinda D Roth/R3/USDAFS]

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Jan 22 2010 17:07:07 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
aelek@fs.fed.us;charles a blair/r3/usdafs@fsnotes;deborah k  
sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jrigg@swca.com;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary  
**CC:** m farrell/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;reta  
laford/r3/usdafs@fsnotes;rlefevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** IDT Meeting Jan. 27 - half day in 6V6  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Please plan on meeting from 9:00 to 12:00 for a project review and update. Extended team is optional, but as always, welcome.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "rion bowers" <rbowers@swca.com>  
**Sent:** Wed Apr 16 2008 17:25:32 EDT  
**To:** "tim j. allen" <tallen@elmontgomery.com>; "kathy arnold" <karnold@augustaresource.com>; "jim davis" <jdavis@elmontgomery.com>; "beverley a everson" <beverson@fs.fed.us>  
**CC:** <jsturgess@augustaresource.com>; "tom euler" <teuler@swca.com>; "tom furgason" <tfurgason@swca.com>; <mfarell@fs.fed.us>; <wgillespie@fs.fed.us>; "geoff soroka" <gsoroka@swca.com>  
**Subject:** RE: Rosemont Mine Geotech Arch/Agave Clearance (SWCA File 12267)  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks Tim - We will double check H2 and move it out of the wash to the previously staked area, unless I hear otherwise from Bev. This would seem to be a reasonable adjustment and I'm sure that staying out of the washes is a priority. Sorry for the confusion on the access road to HC1, neither HC1 or the access road improvement areas are indicated on the maps we have. I assume this access road improvement is included in the 200 ft of improvements to existing roads as indicated in the POO. As I indicted earlier, we will be in the field Thursday and Friday to finish clearance activities. Hopefully, Rosemont can have the stakes surveyed before they begin to mysteriously disappear.

Rion

-----  
Rion J. Bowers  
Senior Project Manager - Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
e-mail: rbowers@swca.com  
Phone: (520) 325-9194  
Fax: (520) 325-2033

From: Tim J. Allen [mailto:tallen@elmontgomery.com]  
Sent: Wednesday, April 16, 2008 12:59 PM  
To: Rion Bowers; Kathy Arnold; Jim Davis; Beverley A Everson  
Cc: jsturgess@augustaresource.com; Tom Euler; Tom Furgason  
Subject: RE: Rosemont Mine Geotech Arch/Agave Clearance (SWCA File 12267)

Rion,  
Two items in your email require some clarification. You mentioned that I relocated the HC2 location to an area which now encroached on the wash. We staked HC2 in an area that was away from the wash but was different from the location specified in the document submitted to the USFS. Prior to going out to meet the SWCA people, it was stated in an email from Kathy Arnold of Rosemont that the well sites were to be located at the coordinates provided to the Forest Service. If you check the coordinates, you will see that the site which encroaches the wash IS the location submitted to the USFS. When I "relocated" the HC2 location, I was actually moving it back to the coordinates submitted to CNF.

The short access road I asked about clearing goes to an approved drilling location (HC-1) on Rosemont property. This is not a request for a new road. It is an existing road (#4053) which requires some grading to make it drill rig accessible.  
Thanks,

Tim

Timothy J. Allen, P.G.  
TAllen@ELMontgomery.com  
Errol L. Montgomery & Associates, Inc.  
1550 E. Prince Road  
Tucson, AZ 85719  
phone: 520.881.4912  
fax: 520.881.1609  
web: <http://www.elmontgomery.com>

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From: Rion Bowers [mailto:[rbowers@swca.com](mailto:rbowers@swca.com)]  
Sent: Wednesday, April 16, 2008 11:58 AM  
To: Kathy Arnold; Jim Davis; Beverley A Everson  
Cc: Tim J. Allen; [jsturgess@augustaresource.com](mailto:jsturgess@augustaresource.com); Tom Euler; Tom Furgason  
Subject: Rosemont Mine Geotech Arch/Agave Clearance (SWCA File 12267)

Project Update: 4/16/2008

SWCA was on-site Monday and Tuesday and met with representatives of Tetra Tech and Montgomery & Associates. We have cleared and staked sites: C7/RP3, C11, HC2, C15/RP5, C8, C9, and C14.

Site C8 has (1) agave and C15 has (12) agaves that will need to be transplanted/mitigated. At the request of Tim Allen (Montgomery), HC2 was relocated and now encroaches into a wash. We may need re-evaluate the location of this site, as I am not aware of the site-specifics of why it was moved from the original location.

Clearance is going to take a little longer than I indicated yesterday. SWCA is not on site today, but will clear the remaining sites Thursday and Friday.

I understand that Tim Allen asked about clearing another short access road that may not be covered in the current Plan of Operations. We will not clear any areas not covered in the current POO without approval from the CNF.

Please call with any questions.

Regards,

-----  
Rion J. Bowers  
Senior Project Manager - Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
e-mail: [rbowers@swca.com](mailto:rbowers@swca.com)  
Phone: (520) 325-9194  
Fax: (520) 325-2033

Re: Reference guidance

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Fri Jan 22 2010 18:48:10 EST  
**To:** "melissa reichard" <mreichard@swca.com>  
**CC:** "beverley a everson" <beverson@fs.fed.us>;"melissa reichard" <mreichard@swca.com>;"melinda d roth" <mroth@fs.fed.us>;"reta laford" <rlaford@fs.fed.us>;"tom furgason" <tfurgason@swca.com>  
**Subject:** Re: Reference guidance  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Reta and I discussed your question and agreed on the following:

No, the references cited in reports given to us by those opposing the project (e.g., your Sonoran Institute example) and Cooperators (e.g., Pima County) do not need to be in the Record at this time. The reports do need to be in the record though.

In another example of this, today John Windes of AG&F suggested some survey information re recreation economics be considered, so wearing my Socioeconomic Lead hat, I will attach a cover sheet to that information and forward it to you (probably Monday).

Thanks for your question.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

"Melissa Reichard" <mreichard@swca.com>

01/22/2010 11:43 AM

To  
"Sarah L Davis" <sldavis@fs.fed.us>  
cc  
"Melinda D Roth" <mroth@fs.fed.us>, "Beverley A Everson" <beverson@fs.fed.us>, "Reta Laford" <rlaford@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>, "Melissa Reichard" <mreichard@swca.com>

Subject  
Reference guidance

Sarah-

I just started thinking about this while I am compiling a list of the references needed. What about the reports that were submitted by the opposition (i.e. Sonoran Institute) and Cooperators (i.e. Pima County)? Does the Forest intend on asking those entities for the reference documentation or is the Forest expecting SWCA to find and include those in the Project Record? Can you please document the Forest's answer on this in the guidance for references. Also, please note that I really need this guidance ASAP. In Tom's email, we had requested it be turned in by January 11 in order to meet our record deadlines.

Thanks for your help!

Melissa Reichard  
Project Administrator  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
(520)325-9194, (520)325-2033 fax

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"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Mon Jan 25 2010 13:33:00 EST  
**To:** marc kaplan/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes;reta laford/wo/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;tfurgason@swca.com;mreichard@swca.com  
**Subject:** ongoing public review of our Rosemont Project Record  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

For members of the public to review the Record they will need to make a request (5 days in advance) naming specific documents they wish to see. SWCA will provide copies of these documents to the SO where they can be reviewed. Members of the public will not be going to the SWCA office to review anything.

Thanks for your inquiry.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

**From:** melinda.d.roth@fs.fed.us  
**Sent:** Mon Jan 25 2010 13:24:20 EST  
**To:** dkriegel@fs.fed.us; dsebesta@fs.fed.us; sldavis@fs.fed.us; sshafiqullah@fs.fed.us; wkeyes@fs.fed.us; hschewel@fs.fed.us; tommett@fs.fed.us; gmckay@fs.fed.us; rlefevre@fs.fed.us; aelek@fs.fed.us; abelauskas@fs.fed.us; ecuriel@fs.fed.us; mfarrell@fs.fed.us; wgillespie@fs.fed.us; ccleblanc@fs.fed.us; seanlockwood@fs.fed.us; ljones02@fs.fed.us; cablair@fs.fed.us; kbrown03@fs.fed.us  
**CC:** beverley.a.everson@fs.fed.us; reta.lafor@fs.fed.us; melinda.d.roth@fs.fed.us; jrjgg@swca.com; ifurgason@swca.com  
**Subject:** Mitigation Table Review needs  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev sent out the latest draft of the Mitigation Table on Friday. I reviewed it and found the following items for Forest action:

Air #34  
Plants and Animals #51  
Hydrology #110, 111, 116, 120, 124, 126, 127, 128, 105, 107  
Transportation #228 (says Larry will reword?)  
Visual #234, 237, 238

We can talk about this need at Wednesday's IDT meeting, especially in light of Forest Plan Revision assignments and timeframes. Please keep Bev apprised if you complete your section before Wednesday.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

RE: Review of MIS report

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Mon Jan 25 2010 17:56:51 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>  
**CC:**  
**Subject:** RE: Review of MIS report  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks Bev. I passed this on to Geoff.

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Monday, January 25, 2010 12:52 PM  
To: Tom Furgason; Melinda D Roth  
Subject: Fw: Review of MIS report

Tom,

Please see Larry's message, below.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 01/25/2010 12:51 PM -----

Larry Jones/R3/USDAFS

01/25/2010 07:20 AM

To

Beverley A Everson/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES

cc

Richard A Gerhart/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES

Subject

Fw: Review of MIS report

Bev and Mindee--

Attached below is a review of a required report for SWCA, the Management Indicator Species report. Geoff Soroka is the person working on it. If he makes the track changes and follows up on comments, I think we'll be 95% there. I want to cross check some info here (like RO guidance on what to check for in MIS reports), but won't be able to do so until Wed, if we don't have a Rosemont meeting, or Thursday. When he sends it back, Debbie, Rick, and I can fine tune it, as needed, then send it to the RO for review.

Also, let me know when they have responded to my Migratory Bird Report comments. They can post the revised version to WebEx (it isn't there, I just checked). If I can, I want to spend most of my remaining Rosemont time working on these two reports, plus the BA, BE, and White Paper (Bio Specialist report), plus DEIS, time permitting.

So, please forward the MIS review document to SWCA. Thanks!

Larry Jones  
Wildlife, Fish, and Rare Plants  
Coronado National Forest  
300 W Congress  
Tucson, AZ 85701

520-388-8375  
ljones02@fs.fed.us

----- Forwarded by Larry Jones/R3/USDAFS on 01/25/2010 07:06 AM -----

gilaman@comcast.net

01/24/2010 06:00 AM

To

Larry Jones <ljones02@fs.fed.us>

cc

Subject

Review of MIS report

Here it be...

--LLCJones

**From:** robert lefevre/r3/usdafs;nsf;rlefevre@fs.fed.us;smtp  
**Sent:** Mon Jan 25 2010 15:10:53 EST  
**To:** melinda d roth/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Mitigation Table Review needs  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev and Mindee: I looked at Air #34 and my notes about it. I had thought this would be accomplished if we abide by Pima Department of Environmental Quality Code of Ordinances Title 17.12. However, it appears that ordinance requires the holder of the permit (Rosemont, in this case) to do the inspections and make the report. If we decide to make unscheduled inspections we will have to train someone how to do it. It does not appear that Pima County Department of Environmental Quality makes unscheduled inspections. I have no suggestions for rewording except to spell "tuned" correctly.

Robert E. Lefevre  
Forestry and Watershed Program Manager  
Coronado National Forest  
USDA Forest Service  
520-388-8373

Melinda D Roth/R3/USDAFS  
01/25/2010 11:24 AM

To  
dkriegel@fs.fed.us, dsebesta@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, wkeyes@fs.fed.us, hschewel@fs.fed.us, temmett@fs.fed.us, gmckay@fs.fed.us, rlefevre@fs.fed.us, aelek@fs.fed.us, abelauskas@fs.fed.us, ecuriel@fs.fed.us, mfarrell@fs.fed.us, wgillespie@fs.fed.us, ccleblanc@fs.fed.us, seanlockwood@fs.fed.us, ljones02@fs.fed.us, cablair@fs.fed.us, kbrown03@fs.fed.us

cc  
Beverley A Everson/R3/USDAFS@FSNOTES, Reta Laford/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, jrigg@swca.com, tfurgason@swca.com  
Subject  
Mitigation Table Review needs

Bev sent out the latest draft of the Mitigation Table on Friday. I reviewed it and found the following items for Forest action:

Air #34  
Plants and Animals #51

Re: Mitigation Table Review needs

Hydrology #110, 111, 116, 120, 124, 126, 127, 128, 105, 107

Transportation #228 (says Larry will reword?)

Visual #234, 237, 238

We can talk about this need at Wednesday's IDT meeting, especially in light of Forest Plan Revision assignments and timeframes. Please keep Bev apprised if you complete your section before Wednesday.

Mindee Roth

Coronado National Forest

300 W. Congress, FB42

Tucson, AZ 85701

(520) 388-8319

(520) 396-0715 (cell)

(520) 388-8305 (FAX)

I updated the tracking sheet for record requests

**From:** "melissa reichard" <mreichard@swca.com>  
**Sent:** Tue Jan 26 2010 16:21:21 EST  
**To:** "sarah l davis" <slDavis@fs.fed.us>  
**CC:** "melinda d roth" <mroth@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "teresa ann ciapusci" <tciaPUSCI@fs.fed.us>; "reta laford" <rlaforD@fs.fed.us>; "tom furgason" <tfurgason@swca.com>  
**Subject:** I updated the tracking sheet for record requests  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I went through the list of FOIAs and added the ones that we do not have on the tail end of our grid.

Thanks!

Melissa Reichard

Project Administrator

SWCA Environmental Consultants

343 West Franklin Street

Tucson, Arizona 85701

(520)325-9194, (520)325-2033 fax

Sound Science. Creative Solutions.

"Man's mind, once stretched by a new idea, never regains its original dimensions." -Oliver Wendell Holmes

Claudia Stone

Sr. Environmental Geologist

SRK CONSULTING

3275 West Ina Road, Suite 240

Tucson, AZ 85741

Phone: 520-544-3688

Mobile: 520-444-6734

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**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Tue Jan 26 2010 19:56:16 EST  
**To:** tfurgason@swca.com  
mreichard@swca.com;reta laford/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;k  
**CC:** sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;kbrown03@fs.fed.us;kellett@fs.fed.us;lJones02@fs.fed.us;mary  
m farrell/r3/usdafs@fsnotes;rlefevre@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;walter keyes/r3/usdafs@fsnotes;arthur s  
elek/r3/usdafs@fsnotes  
**Subject:** Documentation of references for Rosemont's Project Record  
**Attachments:** Melissa's Record Cheat Sheet\_01262010.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

As you know, to have a defensible Record it is imperative to document all reference material used. This also includes reports submitted by subcontractors. Anything cited from literature must be included. If only certain pages were used, copies of these plus the cover, title page and copyright will be sufficient (make sure you have copied the title, author, publication date, International Standard Book Number - ISBN, Library of Congress Classification, etc.)

See the Record Cheat Sheet (attached) for assistance. References can be emailed to Melissa using one of the forms that she produced to make the submittal process easy and efficient. See [www.rosemonteis.webexone.com/Documents/Forms-Regulations-References/Forms](http://www.rosemonteis.webexone.com/Documents/Forms-Regulations-References/Forms).

To meet the timeline, all citations and referenced materials are due to SWCA by March 1, preferably before.

Tom, thanks to you and Melissa both for your continued efforts in compiling a defensible Project Record.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Wed Jan 27 2010 17:22:54 EST  
**To:** ""beverley a everson" <beverson@fs.fed.us>; <sshafiqullah@fs.fed.us>  
**CC:** ""tom furgason" <tfurgason@swca.com>  
**Subject:** Technical Subconsultant SOW for Water Resource Review  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev & Salek,

As we have a teleconference with Golder regarding the landform work scheduled for Monday (2/1/2010) 9:00 AM MST, I propose you, Tom, and myself meet immediately following the teleconference to discuss the scopes-of-work for the various technical subconsultants. To that end you are welcome to attend the Golder teleconference at SWCA's office and we meet there following the teleconference; however, feel free to propose and alternate location and time.

Regards,

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

(520) 896-2404 - Arizona Office

(520) 449-7307 - Mobile

(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Wed Jan 27 2010 16:27:34 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** reta laford/r3/usdafs@fsnotes  
**Subject:** Re: Fw: Complete Pit Backfill & BADCT  
**Attachments:** 20100125\_ortman\_furgason\_pit-passive-containment-badct\_memo.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

We said today that we need Salek to weigh in on pit backfill pros and cons. Maybe review and comment on Dale's input of the County's proposal can be the venue to 1) get Salek's general opinion about backfil, 2) specific opinion of Pima County's proposal, and 3) consideration/review of Dale's input.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Beverley A Everson/R3/USDAFS  
01/25/2010 03:36 PM

To  
Reta Laford/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Complete Pit Backfill & BADCT

How would you like to handle this?

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 01/25/2010 03:36 PM -----

"Tom Furgason" <tfurgason@swca.com>  
01/25/2010 12:18 PM

To  
"Beverley A Everson" <beverson@fs.fed.us>  
cc  
"Salek Shafiqullah" <sshafiqullah@fs.fed.us>, "Melinda D Roth" <mroth@fs.fed.us>, "Reta Laford" <rlaford@fs.fed.us>, "Teresa Ann Ciapusci" <tciapusci@fs.fed.us>  
Subject  
FW: Complete Pit Backfill & BADCT

Bev,

I asked Dale to determine if the Coop Agency Alt is a "legally permissible" alternative. Attached are his findings. The record would probably reflect best if ADEQ sent a letter to this effect, as well as addressing a backfill alternative that would allow "flow through" the pit after closure.

Tom

From: Dale Ortman PE [mailto:daleortmanpe@live.com]  
Sent: Monday, January 25, 2010 10:17 AM  
To: Tom Furgason  
Subject: Complete Pit Backfill & BADCT

Tom,

Attached is a short memo regarding BADCT and the complete pit backfill concept. It is apparent that complete pit backfill does not comply with BADCT, cannot be granted an APP, and hence does not comply with the Clean Water Act.

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

(520) 896-2404 - Arizona Office  
(520) 449-7307 - Mobile  
(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233  
Oracle, AZ 85623

please provide your role in the project, education and years of experience for the DEIS, if you haven't already: for example...

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Thu Jan 28 2010 13:44:09 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
aelek@fs.fed.us;charles a blair/r3/usdafs@fsnotes;deborah k  
sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jrigg@swca.com;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary  
**CC:** m farrell/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;reta  
laford/r3/usdafs@fsnotes;rlefevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;turgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**Subject:** please provide your role in the project, education and years of experience for the DEIS, if you haven't already: for example...  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Jones, Larry, Biological Resources  
M.S., Zoology and Biology, California State University, Long Beach, CA, 1985  
B.S., Zoology and Biology, California State University, Long Beach, CA, 1978  
Years of Experience: 30+  
Thanks.  
Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Re: please provide your role in the project, education and years of experience for the DEIS, if you haven't already: for example...

**From:** eli curiel/r3/usdafs;nsf;ecuriel@fs.fed.us;smtp  
**Sent:** Thu Jan 28 2010 14:49:19 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: please provide your role in the project, education and years of experience for the DEIS, if you haven't already: for example...

**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

easier to send out who is missing....i thought i sent it to you but not sure...quite some time ago.

Eli Curiel Jr., P.E.  
Environmental/Transportation Engineering  
Coronado National Forest Office: 520.388.8413  
300 W. Congress FAX: 520.388.8332  
Tucson, AZ 85701 Cell: 520.444.0307

Beverley A Everson/R3/USDAFS  
01/28/2010 11:44 AM

To  
Beverley A Everson/R3/USDAFS@FSNOTES  
cc  
aelek@fs.fed.us, Charles A Blair/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES,  
dkriegel@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, jrigg@swca.com, kbrown03@fs.fed.us,  
kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D  
Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, Reta Laford/R3/USDAFS@FSNOTES, rlefevre@fs.fed.us,  
sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, tfurgason@swca.com, Walter  
Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, Reta  
Laford/R3/USDAFS@FSNOTES  
Subject  
please provide your role in the project, education and years of experience for the DEIS, if you haven't  
already: for example...

Jones, Larry, Biological Resources  
M.S., Zoology and Biology, California State University, Long Beach, CA, 1985  
B.S., Zoology and Biology, California State University, Long Beach, CA, 1978  
Years of Experience: 30+  
Thanks.  
Bev

Re: please provide your role in the project, education and years of experience for the DEIS, if you haven't already: for example...

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "blaine, marjorie e spl" <marjorie.e.blaine@usace.army.mil>  
**Sent:** Thu Jan 28 2010 14:11:26 EST  
**To:** "tom furgason" <tfurgason@swca.com>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
"brian lindenlaub" <blindenlaub@westlandresources.com>; <goldmann.elizabeth@epamail.epa.gov>; "reta laford"  
**CC:** <rlaford@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: Alternatives considered but eliminated  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Tom

Thanks very much. I understand their focus was NOT 404 and that's fine because that is what we will do. However, just based on the process we went through on other mines, I expected more alternatives regarding the actual footprint of the mine.

Thanks again.

Marjorie  
In the interest of the environment, please print only if necessary and recycle

-----Original Message-----

**From:** Tom Furgason [mailto:tfurgason@swca.com]  
**Sent:** Thursday, January 28, 2010 12:01 PM  
**To:** Blaine, Marjorie E SPL; Teresa Ann Ciapusci  
**Cc:** Brian Lindenlaub; Goldmann.Elizabeth@epamail.epa.gov; Reta Laford; Beverley A Everson; Melinda D Roth; Melissa Reichard  
**Subject:** RE: Alternatives considered but eliminated

Marjorie,

Thank you for taking time to review the Alternatives Considered but Dismissed document. The document was prepared for the Coronado's ID Team to confirm part of their alternatives development process. The ID Team did not focus on developing alternatives that avoided or minimized impacts to WUS. They did consider impacts to riparian vegetation. The Coronado will have to rely on the 404 (b) (1) document to satisfy the Corps requirements for demonstrating alternative development for avoidance/minimization of impacts to WUS.

Tom Furgason

Office Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ 85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

---

From: Blaine, Marjorie E SPL [mailto:Marjorie.E.Blaine@usace.army.mil]  
Sent: Wednesday, January 27, 2010 4:55 PM  
To: Tom Furgason; Teresa Ann Ciapusci  
Cc: Brian Lindenlaub; Goldmann.Elizabeth@epamail.epa.gov  
Subject: Alternatives considered but eliminated

Tom

I've received and reviewed the document. Actually, there were only two alternatives in this document which might possibly be Sec 404 alternatives (i.e. would reduce impacts to WUS). One would be waste rock dump and tailings on the west side of the Santa Ritas which I believe is not practicable due to the haulage costs, the increase in pollutants from trucks, the visual impact, etc...in other words, it has cost and logistics problems and it increases other environmental impacts without the great possibility of avoiding WUS. The other was in situ mining. Other than those two, this document does not really provide us with a lot of information for avoidance/minimization of impacts to WUS.

Thanks, Tom.

Marjorie Blaine  
Senior Project Manager/Biologist  
U.S. Army Corps of Engineers  
Tucson Project Office, Regulatory Division  
5205 E. Comanche Street  
Tucson, AZ 85707  
(520)584-1684 (phone)  
(520)584-1690 (fax)

In the interest of the environment, please print only if necessary and recycle

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Thu Jan 28 2010 14:01:20 EST  
**To:** "blaine, marjorie e spl" <marjorie.e.blaine@usace.army.mil>; "teresa ann ciapusci" <tciapusci@fs.fed.us>  
"brian lindenlaub" <blindenlaub@westlandresources.com>; <goldmann.elizabeth@epamail.epa.gov>; "reta laford"  
**CC:** <rlafor@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**Subject:** RE: Alternatives considered but eliminated  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Marjorie,

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Tom Furgason

Office Director  
SWCA Environmental Consultants

343 West Franklin Street

Tucson, AZ 85701  
(520) 325-9194 ext. 110

(520) 820-5178 mobile

(520) 325-2033 fax

From: Blaine, Marjorie E SPL [mailto:Marjorie.E.Blaine@usace.army.mil]  
Sent: Wednesday, January 27, 2010 4:55 PM  
To: Tom Furgason; Teresa Ann Ciapusci  
Cc: Brian Lindenlaub; Goldmann.Elizabeth@epamail.epa.gov  
Subject: Alternatives considered but eliminated

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Thanks, Tom.

Marjorie Blaine  
Senior Project Manager/Biologist  
U.S.Army Corps of Engineers  
Tucson Project Office, Regulatory Division  
5205 E. Comanche Street  
Tucson, AZ 85707  
(520)584-1684 (phone)  
(520)584-1690 (fax)

In the interest of the environment, please print only if necessary and recycle

Re: Fw: references cited in tech. reports needed for admin. record

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Fri Jan 29 2010 18:49:46 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Fw: references cited in tech. reports needed for admin. record  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Yes, please furnish both hard copy and electronic.  
Send directly to Melissa in searchable PDF format.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

Beverley A Everson/R3/USDAFS  
01/25/2010 12:44 PM

To  
Sarah L Davis/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: references cited in tech. reports needed for admin. record

Hi Sarah,

Please see Kathy's question, below, and let me know your response. Thanks.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 01/25/2010 12:43 PM -----

Kathy Arnold <karnold@rosemontcopper.com>  
01/22/2010 04:35 PM

To  
"beverson@fs.fed.us" <beverson@fs.fed.us>, Jamie Sturgess <jsturgess@rosemontcopper.com>, "mroth@fs.fed.us" <mroth@fs.fed.us>, "tfurgason@swca.com" <tfurgason@swca.com>  
cc

Subject  
Re: references cited in tech. reports needed for admin. record

Bev  
My plan was both. Did you want a specific format?

Kathy

Kathy Arnold  
Director Environmental & Regulatory Affairs  
Rosemont Copper Company  
P.O. Box 35310  
Tucson, AZ 85740

Cell 520-784-1973  
Phone 520-297-7723

From: Beverley A Everson <beverson@fs.fed.us>  
To: Kathy Arnold; Jamie Sturgess; Melinda D Roth <mroth@fs.fed.us>; tfurgason@swca.com <tfurgason@swca.com>  
Sent: Fri Jan 22 17:30:05 2010  
Subject: references cited in tech. reports needed for admin. record

Kathy and Jamie,

A question came up this week about what format you would be submitting these references in - hard copy or electronic, or both. Can you tell me how you plan to submit these documents?

Thank you.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Re: Fw: references cited in tech. reports needed for admin. record

Voice: 520-388-8428

Fax: 520-388-8305

**From:** salek shafiqullah/r3/usdafs;nsf;sshafiqullah@fs.fed.us;smt  
**Sent:** Fri Jan 29 2010 11:56:33 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
aelek@fs.fed.us;beverley a everson/r3/usdafs@fsnotes;charles a blair/r3/usdafs@fsnotes;deborah k  
sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jrigger@swca.com;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary  
**CC:** m farrell/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;reta  
laford/r3/usdafs@fsnotes;rlefevre@fs.fed.us;sldavis@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;walter keyes/r3/usdafs@fsnotes;william b  
gillespie/r3/usdafs@fsnotes  
**Subject:** Plans imbedded within plans  
**Attachments:** list of plans jan 2010\_draft.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Bev,  
As we discuss Mitigation Plans and other environmental considerations, it appears that there are plans imbedded within plans. The over arching plan is the Mine Plan of Operation and within it will be numerous layers of plans including the Rosemont Consolidated Monitoring Plan and Mitigation plans per chapter 2 and within that is numerous individual plans. It appears that many issues and mitigations will be addressed within some sort of plan. Either way I put together a list of plans I have found so far. This is just a list so far and the next step is to figure out which plans are complete 'as final', complete 'as drafts', which are in process and which have not been started. If you know of any others, please let me know. Lets discuss at your leisure. Thanks.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Jan 29 2010 18:59:29 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;tfurgason@swca.com  
**Subject:** Re: Ch2 DRAFT Alternatives\_with Everson team comments\_1.28.10\_CE.docx  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Looks like I sent this doc. twice. Sorry about the duplication.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

## **General DEIS**

Highlight all changes made to the DEIS since January 15, 2010 in the February 15, 2010 version for ease of review. This can be done using different fonts, sizes, colors, etc. (Roth, others)

Several specialists noted that comments from the Oct 15, 2009 DEIS have yet to be incorporated into the DEIS. Review these past comments and incorporate them now. (Roth, others)

Until a decision is made, replace “will” with “would” universally throughout the document (Roth).

There are many roads not mentioned at all, or sufficiently; the Secondary/West Access Road is a huge omission; the “new road would connect the East Access Road to the existing forest road over Gunsight Pass” is not described at all (let alone the ownership issues with this route – on private I suspect); and the “several new roads...” also mentioned in 2.4.4, paragraph two. Additionally there will be a need for roads for Company purposes, for monitoring and such, primarily to ponds, detention basins and the entry/exits of French drains (the rock underdrains) which have NO description. (Keyes)

Acronyms – where terms are used sparingly, don’t use acronyms, and don’t use the same acronym for two different terms (for example, SA is salvage assess and scenic attractiveness) (several IDT members)

Need a complete Table of Contents (Roth)

## **Chapter 2**

Figures in Chapter 2 need more specific titles (Keyes).

Include transportation information (especially if there are access and other road alignment changes) in Barrel, Scholefield/McCleary, Sycamore, and Backfill alternatives (Keyes).

There still are many sections of Chapter 2 with empty outlines and notes about figures and discussions to be added. These elements will need to be included before appropriate effects sections can be written and evaluated (Lefevre).

The sub-headings for each alternative (“Alternative X Modifications to Address Specific Resource Concerns” and “Alternative Items Needed for Implementation of Alternative X”) are confusing and don’t seem like appropriate EIS subheadings. For the first header, perhaps something like “How Alternative X is Different From the MPO” would be more clear to the reader (Kriegel).

The first paragraph of text under each resource (ex. 2.6.1) is repetitive. This general information should be moved to the introduction for each alternative and not repeated for each resource (Kriegel).

## **Chapter 3**

Organize Chapter 3 to group Physical, Biological, and Socioeconomic topics. Within each of these major groupings, organize resource sections to put key issues up front or put foundational information first, ie Geology then Water. (Roth, Laford)

Each section of Chapter 3 such as Visual Resources, Socioeconomics/Environmental Justice, etc. should follow the same general outline (probably provided by an RO FS NEPA specialist) something like this:

Introduction

Effectuated Environment

Applicable Law, Regulation and Policy

Environmental Consequences

Cumulative Effects (Davis)

(Irretrievable and Irreversible Commitments of Public Resources

Short-term Uses Versus Long-term Productivity (Roth) – Carlotta EIS has specific sections at the end of Chapter 3 for these)

Include in Chapter 3, information concerning the impacts to SR83/ADOT for the use of fully loaded (80,000 lb. gross weight) trucks on SR 83 originating from and heading to the project. Such use over the period of twenty years will certainly have an impact on the pavement structure of SR 83, requiring earlier repaving, overlays, reconstruction or some combination of these methods in order to preserve useful function of the roadway. ADOT will handle such work and funding, but there will impacts to traffic, and ADOT/federal funding that result. Traffic loading and commensurate wear is a well understood subject for highway engineers, so this is not rocket science (Keyes).

Include access to mining claims not owned by Rosemont under effects analysis. (Blair)

Include recreational prospecting and personal use rock and mineral collecting in effects analysis, either under recreation or geology and minerals (Blair)

3.15 Dark Skies - Paragraph 3: Distance from Kitt Peak National Observatory to the project. It is exactly 50 and  $\frac{1}{4}$  miles straight-line distance from the main telescope at the observatory to the center of the open pit in the proposed operation. (Blair)

3.14 Noise: I did not see the city/ county noise ordinances listed. I did not see the comparison with what was originally surveyed versus the city/ county noise ordinances. I did not see any discussion about conducting noise surveys during construction of the mine; nor did I see any discussion about noise surveys once the mine is up and running. (Belauskas)

Past, present, and future actions need to be added. (Kriegel) Briefly explain up front that affected environment descriptions include past and present activities. In the cumulative effects section for each resource, include a table of the applicable foreseeable future actions first, followed by the narrative. (Roth)

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Feb 01 2010 10:56:57 EST  
**To:** tfurgason@swca.com;beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** DEIS - General Comments  
**Attachments:** DEIS\_Review\_General\_Comments.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**February 3, 2010  
Rosemont Copper Project IDT  
Meeting Agenda**

**Location:** Coronado National Forest Supervisor's Office, 300 W. Congress, Tucson, AZ. 85701, Rm. 6V6.

**Time:** 9:00 – 12:00

**Attendees:** Rosemont Copper Project Extended Interdisciplinary Team

**Agenda:**

Overview of meeting

TEP (Ed Beck) presentation on powerline siting

Partial pit backfill, presentation by Kathy Arnold

Project status and meetings (round robin)

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Fri Jan 29 2010 19:31:13 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
aelek@fs.fed.us;charles a blair/r3/usdafs@fsnotes;deborah k  
sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jrigg@swca.com;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary  
**CC:** m farrell/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;reta  
laford/r3/usdafs@fsnotes;rlefevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**Subject:** Feb. 3 IDT meeting agenda (tentative)  
**Attachments:** Feb. 3, 2010 IDT Meeting Agenda.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Here is the tentative agenda for our meeting. See you Wednesday.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701  
Voice: 520-388-8428  
Fax: 520-388-8305

**From:** marc kaplan/r3/usdafs;nsf;mkaplan@fs.fed.us;smtp  
**Sent:** Mon Feb 01 2010 11:10:54 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** andrea w campbell/r3/usdafs@fsnotes;heidi schewel/r3/usdafs@fsnotes;sarah l davis/r3/usdafs@fsnotes  
**Subject:** Re: Schuster FOIA  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thank you Bev for keeping me in the loop.

As we discussed late last week when you stopped by, we have not heard from Mr. Schuster since his original FOIA on December 21, 2009. On December 29, 2009 Mr. Schuster was notified by letter of our receipt of his request and informed a portion of his request was not "reasonably described." I will be composing a letter today for Andrea's review and FS signature asking Mr. Schuster if he is still interested and to request once again clarification of what he means by "case file".

As I understand from Sarah, the Coronado NF and SWCA have arrived at procedures under FOIA (all information requests): "For members of the public to review the Record they will need to make a request (5 days in advance) naming specific documents they wish to see. SWCA will provide copies of these documents to the SO where they can be reviewed. Members of the public will not be going to the SWCA office to review anything." (e-mail from Sarah Davis 1/25/2010 1133 a.m.) As I understand FS Chief, Coronado NF Supervisor, and R3 Regional Forester all consider Rosemont a National issue. As I understand it, if a media request is received on the Rosemont subject, Heidi Schewel will be notified ASAP by myself or Andrea Campbell (or other designated person) so that Heidi can contact the WO media folks to get instructions as to how the Forest is to respond to the requestor. Heidi will be provided with a scanned copy of the FOIA.

At this time, there is nothing for SWCA to do in response to this FOIA because the FOIA is not yet "perfected."

Thank you

Marc

Marc G. Kaplan  
Planner Analyst  
Coronado National Forest  
300 W. Congress, Tucson, AZ 85701  
520-388-8358

"Too often we underestimate the power of a touch, a smile, a kind word, a listening ear, an honest compliment, or the smallest act of caring, all of which have the potential to turn a life around."- Leo Buscaglia  
From their errors and mistakes the wise and good learn wisdom for the future. ~ Plutarch

Beverley A Everson/R3/USDAFS

01/29/2010 05:27 PM

To  
mreichard@swca.com, tfurgason@swca.com, Melinda D Roth/R3/USDAFS@FSNOTES, Marc  
Kaplan/R3/USDAFS@FSNOTES  
cc

Subject  
Schuster FOIA

Mel,

Here is the list of reports that Mr. Schuster, with the FOIA, requested copies of (I promised to send this to you a couple of weeks ago, so that you could pull the reports he's asked for or similar ones). As we discussed, there are some of these reports, such as the Biological Assessment and the Recreation Report, that don't exist. We need to offer him others that are related.

Biological Assessment  
Archeological Survey Report  
Recreational Report  
Air Quality Assessment  
Endangered Species Evaluation  
Water Quality Report  
Air Quality Report."

Please give me a call if you have questions.

Thank you.

Bev  
Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**February 2, 2010**

**SWCA/FS Coordination Meeting Agenda**

**Rosemont Copper Project**

**Location:** Coronado National Forest Supervisor's Office, 300 W. Congress, Tucson, AZ 85701, 9:30am.

**Attendees:** Tom Furgason, Melissa Reichard, SWCA; Mindee Roth, FS.

**Agenda/Topics:**

- Administrative Record Questions
- DEIS Review Comments
- Role of Detailer assigned to the project
- Mitigation Table finalization
- Outstanding reports and information
- Horst Contract, Visual Analysis Scope of Work
- February 4, 2010 Status Meeting
- Public Participation Plan
- Overall Project Schedule

Re: Tuesday Rosemont Meeting ??

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Mon Feb 01 2010 16:58:48 EST  
**To:** sarah l davis/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes;mreichard@swca.com;tfurgason@swca.com  
**Subject:** Re: Tuesday Rosemont Meeting ??  
**Attachments:** 20100202\_SWCA\_FS\_Oversight\_Agenda.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks for letting us know, Sarah. For the rest of us, attached is an agenda.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Sarah L Davis/R3/USDAFS  
02/01/2010 02:36 PM

To  
Melinda D Roth/R3/USDAFS@FSNOTES, Beverley A Everson/R3/USDAFS@FSNOTES, mreichard@swca.com, tfurgason@swca.com  
cc

Subject  
Tuesday Rosemont Meeting ??

I will not be able to attend the Tuesday 9:30 meeting if you have one. I'm going to Safety Training in Sonoita.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

**From:** jeanine derby/r3/usdafs;nsf;jderby@fs.fed.us;smtp  
**Sent:** Thu Feb 04 2010 16:33:34 EST  
**To:** reta laford/r3/usdafs@fsnotes  
**CC:** melinda d roth/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**Subject:** Re: Rosemont scheduling concerns due to incomplete range of alts, incomplete effects, and coordination needs  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Thanks for this summary. I just finished meeting with Rosemont and shared the information you provided. Rochelle was on the line and brought up the uncertainty of timing for an EPA review, which happens after the document is published and could add days to the schedule for getting NOA and announcing public participation. BLM requires a Dept. review and I expect we will also need Dept. input before the RO is satisfied. Bottom line, we all agreed that the time line is delayed by at least a month. I said we would not put a delay of the timeline in writing yet, but all should understand that it's coming and it is important to the public rollout group to understand that they need to be flexible. I told them I appreciated no finger pointing or blaming; we are all continuing to do our best and we all own a piece of the delay. Gordon pressed for a time to close on alternatives.

Re: alternatives, Jaime was first shocked but eventually saw the value of incorporating the COE concept into the FS Scholfield Alternative with intent of keeping waste rock north of McCleary drainage The heap leach waste location may change or may stay in Barrell. We acknowledged that some of the County's proposal also could be met with this alternative (that of eliminating a constructed drain and using more private land to place waste/tailings) given that the waste pile might extend onto additional Rosemont property.

Yesterday I met with Mindy, Bev and some of the IDT. We reviewed the cooperating agency alternative, designing for natural erosion of tailings into the pit, and thought it an intriguing idea but one that is difficult to fit with the topography, since the pit is in the upper part of the watershed. Also, effects would be speculative over the anticipated geologic timeline. I suggested that it either be incorporated into a mitigation considered or an alternative considered but not given a detailed analysis. We also thought that the partial/full backfill of the pit could be a mitigation applied to one or more alternatives.

Rosemont is committed to working on a combined COE/FS alternative for Scholfield. The riparian function report plus others are coming in next week. The information coming from the "landforming" alternative should be ready by early March. Therefore, I agreed to work toward having a final list of Alternatives by March 19. We will try to meet again with BLM and COE before then with the intent of seeing the COE's final list of alternatives.

Next Rosemont meeting is Feb. 17, and Rochelle will be here.

Jeanine Derby, Forest Supervisor  
Coronado National Forest  
phone: 520 388-8306  
FAX: 520 388-8305

Reta Laford/R3/USDAFS  
02/04/2010 08:07 AM

To  
Jeanine Derby/R3/USDAFS@FSNOTES  
CC  
Melinda D Roth/R3/USDAFS@FSNOTES, Beverley A Everson/R3/USDAFS@FSNOTES, tfurgason@swca.com,

Reta Laford/R3/USDAFS@FSNOTES, Robert Cordts/R3/USDAFS@FSNOTES

Subject  
Rosemont scheduling concerns due to incomplete range of alts, incomplete effects, and coordination needs

Jeanine -

Yesterday I met with Bob Cordts, Regional Director of Minerals. There are concerns with the proposed timeline, largely associated with an incomplete range of alternatives, incomplete effects analysis, and coordination needs.

In general, there is less than three months until the planned DEIS release date.

- One month will be consumed for printing.
- At least one month will be consumed for formal Regional Office review.
- Less than one month is available to finalize alternatives and effects to a standard of reasonable quality for Regional review

1) Incomplete Range of Alternatives - Specific examples of Range of Alternatives still not finalized...

- Corps of Engineers Preliminary On-Site Alternatives incomplete, as well as Off-Site Alternatives (404(b)(1) analysis)
- Modification to FS and COE Scholefield alternatives to meet both agency's objectives
- Further exploration of County Alternative
- Cooperating Agency alternative? (I do not recall how we were further considering)
- Integration of lands recently purchased by Rosemont (e.g., utility corridor relocation)
- Integration of EPG utility corridor study
- Full backfill alternative consideration

2) Incomplete Effects Analysis - Specific examples of notable data gaps...

- Riparian Functional Assessment requested by Corps of Engineers
- Visual analysis
- Pit lake geochemical analysis
- Information from RCC documenting full back

3) Coordination Needs -

- Regional Director wants to see the pending Feb 15 DEIS
- Need to re-brief Regional Office, in coordination with Headquarters and Department, on the alternatives considered in detail and dismissed.
- Additional briefings likely before transmitting DEIS to Region for formal review.
- Regional review may take more than 30 days
- Adjustments to DEIS from briefings and formal review have not been adequately accounted for.

In short, it does not appear that the DEIS can be completed in time for public review before the end of April. We should aggressively work towards the target date with the realization that a schedule adjustment may be necessary in April.

Reta Laford, Deputy Forest Supervisor

USDA Forest Service, Coronado National Forest  
300 W Congress Street, Tucson, AZ 85701

Phone: 520-388-8307 (office), 505-452-7557 (cell)

Fax: 520-388-8305

Re: Rosemont scheduling concerns due to incomplete range of alts, incomplete effects, and coordination needs

Email: [rlaford@fs.fed.us](mailto:rlaford@fs.fed.us)

---

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue Feb 02 2010 16:36:04 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "salek shafiqullah" <sshafiqullah@fs.fed.us>  
**CC:**  
**Subject:** FW: Draft SRK SOW - Myers Groundwater Report Review  
**Attachments:** 20100123\_ortman\_stone\_myers-rpt-revu\_sow\_memo.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev and Salek,

Please review the attached SOW and let me know if you would like SWCA to approach Rosemont to have this work completed.

Tom

From: Dale Ortman PE [mailto:daleortmanpe@live.com]  
Sent: Sunday, January 24, 2010 1:08 PM  
To: Tom Furgason  
Subject: Draft SRK SOW - Myers Groundwater Report Review

Tom,

Attached is a draft SOW for SRK to review the two Myers groundwater reports and the work proposed by TetraTech to evaluate groundwater impact in DavidsonCanyon.

Regards,

Dale

---

Dale Ortman PE PLLC

Consulting Engineer

(520) 896-2404 - ArizonaOffice

(520) 449-7307 - Mobile

(435) 682-2777 - UtahOffice

daleortmanpe@live.com

PO Box1233

Oracle, AZ 85623

- 20100123\_ortman\_stone\_myers-rpt-revu\_sow\_memo.pdf



United States  
Department of  
Agriculture

Forest  
Service

Coronado National Forest  
Supervisor's Office

300 W. Congress  
Tucson, Arizona 85701  
Phone (520) 388-8300  
FAX (520) 388-8305  
Deaf & Hearing Impaired 711

---

**File Code:** 6270-1

**Date:** February 2, 2010

Mr. Frederick Schuster  
9225 E. Tanque Verde, Apartment 42202  
Tucson, AZ 85749

**CERTIFIED MAIL – RETURN  
RECEIPT REQUESTED  
NUMBER: 7008183000002524345**

**FREEDOM OF INFORMATION ACT (FOIA) CASE #3503: ROSEMONT MINE PLAN  
OF OPERATIONS AND ENVIRONMENTAL IMPACT STATEMENT FINAL  
REPORTS**

Dear Mr. Schuster:

I am writing to follow-up with you regarding your FOIA request dated December 21, 2009, which was received by the Coronado National Forest, FOIA Service Center, that same day. You requested an opportunity for an onsite review of the following information:

*“...the case file for the Rosemont Mine Plan of Operations and any of the following approved finalized reports completed for the EIS being completed by the USFS.*

*Biological Assessment  
Archeological Survey Report  
Recreational Report  
Air Quality Assessment  
Endangered Species Evaluation  
Water Quality Report  
Air Quality Report.”*

Further, you stated that you are *“not requesting copies of any of the case file at this time.”*

In a letter to you dated December 29, 2009, I acknowledged receipt of your FOIA request and asked that you “clarify what specifically you are seeking to review when you refer to a *case file*”, before we begin a records search. The FOIA requires that records be “reasonably described” in order for a reasonable search to take place. To date, I have not received a response from you identifying what it is you seek to review or providing your definition of a *case file*.

If you wish for us to continue processing your FOIA request, please respond to us directly by contacting Mr. Marc G. Kaplan, Forest FOIA Liaison, by telephone at (520) 388-8358; or electronic mail, [mkaplan@fs.fed.us](mailto:mkaplan@fs.fed.us). You may clarify the nature of your request verbally with him, then follow this discussion with a written statement of clarification. When we have this



information in hand, Mr. Kaplan will schedule a mutually acceptable date, time, and location for a records review.

If we do not hear from you within 30 calendar days of the date on this letter, your FOIA request file will be closed. Please refer to the case number in the subject line above in all future communications related to your request.

Sincerely,

*/s/ Jeanine A. Derby*  
JEANINE A. DERBY  
Forest Supervisor

**From:** marc kaplan/r3/usdafs;nsf;mkaplan@fs.fed.us;smtp  
**Sent:** Wed Feb 03 2010 10:36:36 EST  
**To:**  
**CC:** melinda d roth/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;andrea w campbell/r3/usdafs@fsnotes  
**Subject:** Re: Fw: Schuster FOIA  
**Attachments:** Case3503\_Schuster\_Rosemont\_Follow-up\_letter.doc

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Mindy, thank you. Yesterday the attached letter was signed and mailed certified to Mr. Schuster. At this time, Mr. Schuster's FOIA request has not been perfected and until it is, there are no actions needed.

Marc

Marc G. Kaplan  
Planner Analyst  
Coronado National Forest  
300 W. Congress, Tucson, AZ 85701  
520-388-8358

Melinda D Roth/R3/USDAFS  
02/02/2010 03:58 PM

To  
Marc Kaplan/R3/USDAFS@FSNOTES  
cc  
Teresa Ann Ciapusci/R3/USDAFS@FSNOTES  
Subject  
Fw: Schuster FOIA

FYI... Bev has been working to gather up materials for Mr. Schuster to review. See below.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319

(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

----- Forwarded by Melinda D Roth/R3/USDAFS on 02/02/2010 03:55 PM -----

"Melissa Reichard" <mreichard@swca.com>  
02/02/2010 02:58 PM

To  
"Beverley A Everson" <beverson@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>, "Melinda D Roth" <mroth@fs.fed.us>, "Marc Kaplan" <mkaplan@fs.fed.us>  
cc

Subject  
RE: Schuster FOIA

This is what I have come up with that could respond to his list. See below. Do you already have these in your library? I know RCC has been giving the FS multiple copies. Let me know if these need to be brought over.

Biological Assessment :  
20070404 Westland's BAE for the GeoTech project  
Archeological Survey Report  
drafted only- nothing final  
Recreational Report  
section in DEIS  
Air Quality Assessment  
20090408 AEC Ambient Air Quality  
Endangered Species Evaluation  
200912 SWCA MIS Report,  
20091218 Westland Bat Roost Survey,  
20090311 Agave Survey,  
20090311 LLNB Survey,  
20091218 Waterline PPC Survey,  
20090311 Waterline PPC Survey  
Water Quality Report  
200902 TT APP Section 5.3

Thanks!

Melissa

"In every one of us there are two ruling principles, whose guidance we follow wherever they may lead; the one being an innate desire of pleasure; the other, an acquired judgement which aspires after excellence." ~ Socrates

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Friday, January 29, 2010 5:27 PM  
To: Melissa Reichard; Tom Furgason; Melinda D Roth; Marc Kaplan

Subject: Schuster FOIA

Mel,

Here is the list of reports that Mr. Schuster, with the FOIA, requested copies of (I promised to send this to you a couple of weeks ago, so that you could pull the reports he's asked for or similar ones). As we discussed, there are some of these reports, such as the Biological Assessment and the Recreation Report, that don't exist. We need to offer him others that are related.

Biological Assessment :20070404 Westland's BAE for the GeoTech project  
Archeological Survey Report drafted only- nothing final  
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Endangered Species Evaluation 200912 SWCA MIS Report, 20091218 Westland Bat Roost Survey, 20090311  
Agave Survey, 20090311 LLNB Survey, 20091218 Waterline PPC Survey, 20090311 Waterline PPC Survey  
Water Quality Report 200902 TT APP Section 5.3  
Air Quality Report."

Please give me a call if you have questions.

Thank you.

Bev  
Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Sat Feb 06 2010 12:43:59 EST  
**To:** "'kathy arnold'" <karnold@rosemontcopper.com>  
**CC:** "'tom furgason'" <tfurgason@swca.com>; "'salek shafiqullah'" <sshafiqullah@fs.fed.us>; "'beverley a everson'" <beverson@fs.fed.us>  
**Subject:** Green Valley Wellfield Information Request  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Kathy,

The 30 April 2009 Montgomery report on the water supply pumping model provides information on 2006 groundwater withdrawal for FICO, mining (Asarco & FMI), and public/recreation use. The attached figure from the Montgomery report indicates several FICO wellfields but does not show similar information for the mining or public/recreation uses. However, the text of the Montgomery report describes the general location of the mining wellfields. It would be very helpful for SWCA to map this information relative to the attached ADWR depiction of the Green Valley Subsidence Feature for inclusion in the DEIS. On the assumption that Montgomery has this information in their files, could they provide the following:

1. 2006 withdrawal for FICO Wellfield "A"
2. 2006 withdrawal for FICO Wellfield "B"
3. Location of Asarco wellfield
4. Location of FMI wellfield
5. If possible, it would be useful to also locate the Public/Recreation wellfields, but these may be too dispersed to depict and, as this is a relatively small part of the total withdrawal, the location is not vital to the description.

Please let me know if Montgomery can supply this information, else we will need to develop it.

Thanks for your help with this.

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

(520) 896-2404 - Arizona Office  
(520) 449-7307 - Mobile  
(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233  
Oracle, AZ 85623

[attachment "Wellfield Info Request Fig.pdf" deleted by Beverley A Everson/R3/USDAFS] [attachment "ADWR Green Valley Subsidence Fig - reduced.pdf" deleted by Beverley A Everson/R3/USDAFS]

**February 10, 2010  
Rosemont Copper Project  
IDT Meeting Agenda**

**Location:** Coronado National Forest Supervisor's Office, 300 W. Congress, Tucson, AZ. 85701, Rm. 6V6.

**Time:** 9:00 – 12:00

**Attendees:** Rosemont Copper Project Interdisciplinary Team

**Agenda:**

Overview of meeting

Alternatives discussion

Mitigation review

Project status and meetings (round robin)

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Sat Feb 06 2010 18:51:22 EST  
charles a blair/r3/usdafs@fsnotes;deborah k  
sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jrigg@swca.com;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary  
**To:** m farrell/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes;mreichard@swca.com;reta  
laford/r3/usdafs@fsnotes;rlfevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;walter  
keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes;arthur s elek/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Feb. 10, 2010 Extended IDT Meeting Agenda.docx  
**Attachments:** Feb. 10, 2010 IDT Meeting Agenda.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The agenda for the meeting is attached. Note that this is an extended team meeting, and that it will be a half day. I will need to double check the meeting room and get back to you to confirm; the meeting will either be in 6V6 or 4B.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

- Feb. 10, 2010 IDT Meeting Agenda.docx

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Sun Feb 07 2010 21:56:24 EST  
**To:** "salek shafiqullah" <sshafiqullah@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "dale ortman pe" <daleortmanpe@live.com>; "roger d congdon" <rcongdon@fs.fed.us>  
**Subject:** RE: FW: Draft SRK SOW - Myers Groundwater Report Review  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Salek,

Thanks for the approval. We'll get a SOW and cost estimate to Rosemont soon.

Tom

From: Salek Shafiqullah [mailto:sshafiqullah@fs.fed.us]  
Sent: Fri 2/5/2010 4:07 PM  
To: Tom Furgason  
Cc: Beverley A Everson; Melinda D Roth; Dale Ortman PE; Roger D Congdon  
Subject: Re: FW: Draft SRK SOW - Myers Groundwater Report Review

Hello Tom,  
Please move forward with getting this work completed.  
Thanks.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

"Tom Furgason" <tfurgason@swca.com>

02/02/2010 02:36 PM

To  
"Beverley A Everson" <beverson@fs.fed.us>, "Melinda D Roth" <mroth@fs.fed.us>, "Salek Shafiqullah" <sshafiqullah@fs.fed.us>  
cc

Subject  
FW: Draft SRK SOW - Myers Groundwater Report Review

Bev and Salek,

Please review the attached SOW and let me know if you would like SWCA to approach Rosemont to have this work completed.

Tom

From: Dale Ortman PE [mailto:daleortmanpe@live.com]  
Sent: Sunday, January 24, 2010 1:08 PM  
To: Tom Furgason  
Subject: Draft SRK SOW - Myers Groundwater Report Review

Tom,

Attached is a draft SOW for SRK to review the two Myers groundwater reports and the work proposed by TetraTech to evaluate groundwater impact in Davidson Canyon.

Regards,

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

(520) 896-2404 - Arizona Office  
(520) 449-7307 - Mobile  
(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233  
Oracle, AZ 85623

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Sun Feb 07 2010 22:02:54 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>; "melissa reichard" <mreichard@swca.com>  
**CC:** "marc kaplan" <mkaplan@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "ken kertell" <kkertell@swca.com>  
**Subject:** RE: Schuster FOIA  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

It is probably inappropriate to release the BA in any form until a Line Officer has confirmed they agree on the "effects determination". Within the context of a Section 7 Consultation under the Endangered Species Act, it is my understanding that only Line Officers can assert which species will be affected and to what extent. It would be premature to let anybody see the draft BAs until Line has sign off on the effects to T&E species.

Regardless, I'll have Melissa look for the latest version of the BA and post it to WebEx.

Tom

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Fri 2/5/2010 3:33 PM  
To: Melissa Reichard  
Cc: Marc Kaplan; Melinda D Roth; Tom Furgason  
Subject: RE: Schuster FOIA

Melissa,

I think there are more water reports (not just the APP) that discuss water quality. I've asked Salek for a list, and once I have that I'll do a check in the library here to see what reports we have, and what I need from you.

Also, there is a draft BA and a revised BA on our website (5.27.09 and 7.14.09 respectively), and our library has only the first version. I'm going to need a copy of the revised.

Thank you,

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Melissa Reichard" <mreichard@swca.com>

02/02/2010 02:58 PM

To

"Beverley A Everson" <beverson@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>, "Melinda D Roth" <mroth@fs.fed.us>, "Marc Kaplan" <mkaplan@fs.fed.us>

cc

Subject

RE: Schuster FOIA

This is what I have come up with that could respond to his list. See below. Do you already have these in your library? I know RCC has been giving the FS multiple copies. Let me know if these need to be brought over.

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Water Quality Report  
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Thanks!

Melissa

"In every one of us there are two ruling principles, whose guidance we follow wherever they may lead; the one being an innate desire of pleasure; the other, an acquired judgement which aspires after excellence." ~ Socrates

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Friday, January 29, 2010 5:27 PM  
To: Melissa Reichard; Tom Furgason; Melinda D Roth; Marc Kaplan  
Subject: Schuster FOIA

Mel,

Here is the list of reports that Mr. Schuster, with the FOIA, requested copies of (I promised to send this to you a couple of weeks ago, so that you could pull the reports he's asked for or similar ones). As we discussed, there are some of these reports, such as the Biological Assessment and the Recreation Report, that don't exist. We need to offer him others that are related.

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Agave Survey, 20090311 LLNB Survey, 20091218 Waterline PPC Survey, 20090311 Waterline PPC Survey  
Water Quality Report 200902 TT APP Section 5.3  
Air Quality Report."

Please give me a call if you have questions.

Thank you.

Bev  
Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Fax: 520-388-8305

**From:** "marcie bidwell" <mbidwell@swca.com>  
**Sent:** Tue Feb 09 2010 16:16:31 EST  
**To:** "beverley a everson" <beverson@fs.fed.us>; "debby kriegel" <dkriegel@fs.fed.us>; "kathy arnold" <karnold@rosemontcopper.com>; "tom furgason" <tfurgason@swca.com>; "debby kriegel" <dkriegel@fs.fed.us>; "dale ortman pe" <daleortmanpe@live.com>  
**CC:**  
**Subject:** Follow up request for Reclamation photography  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Bev and Debby,

I understand from Tom that Bev collected the images of the mine tours from everyone's personal cameras and then built a common library of images.

I am looking for good reference images of reclaimed sites that will show vegetation patterns (both intentional and volunteer). Additionally, we could use some images of mining facilities, as a few of the simulation views will have straight views into the pit and mine works.

Bev, Would there be any good ones in the files that you created/shared with everybody?

I would prefer to receive these as digital files, and we can save the USFS images on the Web Ex for convenient sharing.

Thank you for your assistance!  
Marcie

Marcie Demmy Bidwell  
Environmental Planner  
130 Rock Point Drive, Suite A  
Durango, Colorado 81301  
Office: 970.385.8566  
Fax: 970.385.1938  
www.swca.com

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Fri Apr 25 2008 19:45:50 EDT  
**To:** <tdavis789@yahoo.com>  
**CC:** "reta laford" <rlaford@fs.fed.us>; "beverley a everson" <beverson@fs.fed.us>  
**Subject:** FW: regs and third party contracting info  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Tony,

Below are numbers 16 and 17 of the Council on Environmental Quality's NEPA 40 FAQs, both of which deal with third party contracting. I also pulled Section 1506.5(c) from the CEQ regs and 40 C.F.R. 6.604(g) as they are cited. Though EPA-centric, 40 C.F.R. 6.604(g) 3, makes it clear that it is OK for the applicant to directly contract with the consultant (no funneling of money through the agency) as does the first example just below for an NPDES permit EIS.

Tom Furgason

Program Director

SWCA Environmental Consultants

Selected Council on Environmental Quality's NEPA 40 FAQs

16. Third Party Contracts. What is meant by the term "third party contracts" in connection with the preparation of an EIS? See Section 1506.5(c). When can "third party contracts" be used?

A. As used by EPA and other agencies, the term "third party contract" refers to the preparation of EISs by contractors paid by the applicant. In the case of an EIS for a National Pollution Discharge Elimination System (NPDES) permit, the applicant, aware in the early planning stages of the proposed project of the need for an EIS, contracts directly with a consulting firm for its preparation. See 40 C.F.R. 6.604(g). The "third party" is EPA which, under Section 1506.5(c), must select the consulting firm, even though the applicant pays for the cost of preparing the EIS. The consulting firm is responsible to EPA for preparing an EIS that meets the requirements of the NEPA regulations and EPA's NEPA procedures. It is in the applicant's interest that the EIS comply with the law so that EPA can take prompt action on the NPDES permit application. The "third party contract" method under EPA's NEPA procedures is purely voluntary, though most applicants have found it helpful in expediting compliance with NEPA.

If a federal agency uses "third party contracting," the applicant may undertake the necessary paperwork for the solicitation of a field of candidates under the agency's direction, so long as the agency complies with Section 1506.5(c). Federal procurement requirements do not apply to the agency because it incurs no obligations or costs under the contract, nor does the agency procure anything under the contract.

17a. Disclosure Statement to Avoid Conflict of Interest. If an EIS is prepared with the assistance of a consulting firm, the firm must execute a disclosure statement. What criteria must the firm follow in determining whether it has any "financial or other interest in the outcome of the project" which would cause a conflict of interest?

A. Section 1506.5(c), which specifies that a consulting firm preparing an EIS must execute a disclosure statement, does not define "financial or other interest in the outcome of the project." The Council interprets this term broadly to cover any known benefits other than general enhancement of professional reputation. This includes any financial benefit such as a promise of future construction or design work on the project, as well as indirect benefits the consultant is aware of (e.g., if the project would aid proposals sponsored by the firm's other clients). For example, completion of a highway project may encourage construction of a shopping center or industrial park from which the consultant stands to benefit. If a consulting firm is aware that it has such an interest in the decision on the proposal, it should be disqualified from preparing the EIS, to preserve the objectivity and integrity of the NEPA process.

When a consulting firm has been involved in developing initial data and plans for the project, but does not have any financial or other interest in the outcome of the decision, it need not be disqualified from preparing the EIS. However, a disclosure statement in the draft EIS should clearly state the scope and extent of the firm's prior involvement to expose any potential conflicts of interest that may exist.

Section 1506.5 (c) is the following:

Environmental impact statements. Except as provided in Secs. 1506.2 and 1506.3 any environmental impact statement prepared pursuant to the requirements of NEPA shall be prepared directly by or by a contractor selected by the lead agency or where appropriate under Sec. 1501.6(b), a cooperating agency. It is the intent of these regulations that the contractor be chosen solely by the lead agency, or by the lead agency in cooperation with cooperating agencies, or where appropriate by a cooperating agency to avoid any conflict of interest. Contractors shall execute a disclosure statement prepared by the lead agency, or where appropriate the cooperating agency, specifying that they have no financial or other interest in the outcome of the project. If the document is prepared by contract, the responsible Federal official shall furnish guidance and participate in the preparation and shall independently evaluate the statement prior to its approval and take responsibility for its scope and contents. Nothing in this section is intended to prohibit any agency from requesting any person to submit information to it or to prohibit any person from submitting information to any agency.

40 C.F.R. 6.604 (g) is the following:

(g) EIS method. EPA shall prepare EISs by one of the following means:

(1) Directly by its own staff;

(2) By contracting directly with a qualified consulting firm; or

(3) By utilizing a third party method, whereby the responsible official enters into a third party agreement for the applicant to engage and pay for the services of a third party contractor to prepare the EIS. Such an agreement shall not be initiated unless both the applicant and the responsible official agree to its creation. A third party agreement will be established prior to the applicant's environmental information document and eliminate the need for that document. In proceeding under the third party agreement, the responsible official shall carry out the following practices:

(i) In consultation with the applicant, choose the third party contractor and manage that contract.

(ii) Select the consultant based on his ability and an absence of conflict of interest. Third party contractors will be required to execute a disclosure statement prepared by the responsible official signifying they have no financial or other conflicting interest in the outcome of the project.

(iii) Specify the information to be developed and supervise the gathering, analysis and presentation of the information. The responsible official shall have sole authority for approval and modification of the statements, analyses, and conclusions included in the third party EIS.



Another project timeline

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Tue Feb 09 2010 18:18:48 EST  
**To:** jrigg@swca.com;tfurgason@swca.com  
**CC:** beverley a everson/r3/usdafs@fsnotes;rochelle desser/wo/usdafs@fsnotes;reta laford/r3/usdafs@fsnotes  
**Subject:** Another project timeline  
**Attachments:** 20100209\_realistic\_timeline\_draft\_mindee.xlsx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

As agreed with Jonathan today for SWCA/FS discussion, here is my roughed out project schedule. It is still squeaky tight at nearly every step...

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

**February 10, 2010  
Rosemont Copper Project  
IDT Meeting Agenda**

**Location:** Coronado National Forest Supervisor's Office, 300 W. Congress, Tucson, AZ. 85701, Rm. 6V6.

**Time:** 9:00 – 12:00

**Attendees:** Rosemont Copper Project Interdisciplinary Team

**Agenda:**

Overview of meeting

Alternatives discussion

Mitigation review

Project status and meetings (round robin)

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smt  
**Sent:** Tue Feb 09 2010 10:33:20 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
arthur s elek/r3/usdafs@fsnotes;beverley a everson/r3/usdafs@fsnotes;charles a blair/r3/usdafs@fsnotes;deborah k sebesta/r3/usdafs@fsnotes;dkriegel@fs.fed.us;ecuriel@fs.fed.us;gmckay@fs.fed.us;jrigg@swca.com;kbrown03@fs.fed.us;kellett@fs.fed.us;ljones02@fs.fed.us;mary m farrell/r3/usdafs@fsnotes;mreichard@swca.com;reta laford/r3/usdafs@fsnotes;rlefevre@fs.fed.us;sldavis@fs.fed.us;sshafiqullah@fs.fed.us;temmett@fs.fed.us;tfurgason@swca.com;walter keyes/r3/usdafs@fsnotes;william b gillespie/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Feb. 10, 2010 Extended IDT Meeting Agenda.docx  
**Attachments:** Feb. 10, 2010 IDT Meeting Agenda.docx

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

See you in 6V6.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Beverley A Everson/R3/USDAFS  
02/06/2010 04:51 PM

To  
Charles A Blair/R3/USDAFS@FSNOTES, Deborah K Sebesta/R3/USDAFS@FSNOTES, dkriegel@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, jrigg@swca.com, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, mreichard@swca.com, Reta Laford/R3/USDAFS@FSNOTES, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES, Arthur S Elek/R3/USDAFS@FSNOTES, Beverley A Everson/R3/USDAFS@FSNOTES  
cc

Subject  
Feb. 10, 2010 Extended IDT Meeting Agenda.docx

The agenda for the meeting is attached. Note that this is an extended team meeting, and that it will be a half day. I will need to double check the meeting room and get back to you to confirm; the meeting will either be in 6V6 or 4B.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

- Feb. 10, 2010 IDT Meeting Agenda.docx

Stakeholder Group Meeting #4 - date availability for the first week of March

**From:** "emily belts" <ebelts@epgaz.com>  
**Sent:** Tue Feb 09 2010 18:16:12 EST  
**To:** <hushman@ag.arizona.edu>; <chris.kaslemis@tucsonaz.gov>; <daniel\_j\_moore@blm.gov>; <emerald5@cox.net>; <kabrahams@damondven.com>; <kellett@fs.fed.us>; <nswalden@greenvalleypecan.com>; <ohenderson@cd.sahuarita.az.us>; <tblton@land.az.gov>; <markkonharting@gmail.com>; <mark.harting@aztucs.ang.af.mil>; <marshalf@magruder.org>; <deadass14@msn.com>; <blanarino@damondven.com>; <beverson@fs.fed.us>; <tcdiapusci@fs.fed.us>; <cinchy\_alvarez@blm.gov>; <vailaz@hotmail.com>  
**CC:** <tubadayee@aol.com>; <linda\_hughes@blm.gov>; <mweinberg@damondven.com>; <turguson@swca.com>; <gshetae@cox.net>; "Lauren Weinstein" <lweins@epgaz.com>  
**Subject:** Stakeholder Group Meeting #4 - date availability for the first week of March  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hi All,

We would like to schedule Stakeholder Group Meeting #4 for the first week of March. As the previous meeting, it will be held from 11:00-2:00pm.

Please let us know by this Friday which day is best for your schedule the week of March 1, so we can begin to make arrangements. Thanks

Emily Belts  
Environmental Planner

EPG  
Environmental Planning Group  
Phoenix, Arizona  
602-956-4370 phone  
602-956-4374 fax  
<http://www.epgaz.com>

This e-mail, including any attachments, is intended only for the use of the individual or entity to which it is addressed. It may contain information that is attorney work product, privileged, confidential, exempt or otherwise protected from disclosure or use under applicable law. If you have received this e-mail in error, please notify the sender immediately by return e-mail, and delete this e-mail from all affected databases. Thank you.

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Tue Feb 09 2010 16:52:28 EST  
**To:** ""kathy arnold"" <karnold@rosemontcopper.com>  
**CC:** ""salek shafiqullah"" <sshafiqullah@fs.fed.us>; ""beverley a everson"" <beverson@fs.fed.us>; ""melinda d roth"" <mroth@fs.fed.us>; ""tom furgason"" <tfurgason@swca.com>; ""melissa reichard"" <mreichard@swca.com>  
**Subject:** Review of Mine Site Groundwater Model  
**Attachments:** GW\_ModelReview\_Memo\_183101\_vu\_lc\_ms\_20100209\_FNL\_2.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Kathy,

Attached is a technical review memorandum prepared by SRK for the mine site groundwater model report prepared by Montgomery. Unfortunately, SRK determined that the report does not contain adequate documentation of fundamental information to allow them to prepare a defensible review. In addition, they determined that additional model calibration is required along with a parametric sensitivity in order to support any model findings. Given the time constraints on the DEIS I recommend that a working meeting be scheduled between hydrologists with SRK and Montgomery to resolve the issues summarized in the SRK memo and expedite the final SRK review. SRK's hydrologists, Vladimir Ugorets, Larry Cope, and Mike Sieber, are available to be in Tucson the week of February 22 if that works for you.

Please feel free to contact me to discuss this recommendation.

Regards,

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

(520) 896-2404 - Arizona Office

(520) 449-7307 - Mobile

(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

- GW\_ModelReview\_Memo\_183101\_vu\_lc\_ms\_20100209\_FNL\_2.pdf

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Tue Feb 09 2010 16:36:22 EST  
**To:** "salek shafiqullah" <sshafiqullah@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "tom furgason" <tfurgason@swca.com>; "melissa reichard" <mreichard@swca.com>  
**Subject:** SRK Review of Rosemont Mine Site Groundwater Model Report  
**Attachments:** GW\_ModelReview\_Memo\_183101\_vu\_lc\_ms\_20100209\_FNL\_2.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Salek,

Attached is the Technical Review Memorandum prepared by SRK for the Rosemont mine site groundwater model report prepared by Montgomery. The gist of the review is that Montgomery's report does not present adequate information to allow SRK to determine if the model is suitable or defensible; therefore until adequate information is provided SRK is unable to fully evaluate the model and its findings. The SRK memo is relatively specific as to the information that SRK believes is either not included or not clearly explained. In addition, SRK makes definitive statements that the model must include the following:

1. Transient calibration (the model is calibrated to only pre-mining steady-state conditions)
2. Parametric sensitivity analysis, to evaluate the range of likely results

Given the time pressures on the DEIS, I propose that SRK meet with Montgomery the week of February 22 (the earliest date that the SRK hydrologists are available) to resolve the issues presented in the SRK memorandum.

Cheers,

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

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daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

- GW\_ModelReview\_Memo\_183101\_vu\_lc\_ms\_20100209\_FNL\_2.pdf

Re: Fw: Seeking meeting date

**From:** melinda d roth/r3/usdafs;nsf;mroth@fs.fed.us;smtp  
**Sent:** Wed Feb 10 2010 18:06:45 EST  
**To:** tfurgason@swca.com;salek shafiqullah/r3/usdafs@fsnotes  
**CC:** beverley a everson/r3/usdafs@fsnotes;teresa ann ciapusci/r3/usdafs@fsnotes  
**Subject:** Re: Fw: Seeking meeting date  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

check you calendars for a meeting with the Army Corp...see below. Bev, pls share with others as you see fit.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Jeanine Derby/R3/USDAFS  
02/10/2010 01:43 PM

To  
Teresa Ann Ciapusci/R3/USDAFS@FSNOTES  
cc  
Melinda D Roth/R3/USDAFS@FSNOTES, Beverley A Everson/R3/USDAFS@FSNOTES  
Subject  
Re: Fw: Seeking meeting date

Let's try to pin down a meeting on March 16. I'm supposed to be in Albuquerque at RLT, but I'll adjust if she will agree to a time.  
Bev and Mindy, if Teresa Ann can get a committment from Marjorie Blaine then get SWCA and any other team members appropriate for this meeting lined up to attend.

Jeanine Derby, Forest Supervisor  
Coronado National Forest  
phone: 520 388-8306  
FAX: 520 388-8305

Re: Fw: Seeking meeting date

Teresa Ann Ciapusci/R3/USDAFS  
02/09/2010 08:39 AM

To  
Jeanine Derby/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Seeking meeting date

See below. Marjorie is available on March 9, 10, and 16. Are any of these dates that work with your schedule?

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

----- Forwarded by Teresa Ann Ciapusci/R3/USDAFS on 02/09/2010 08:38 AM -----

"Blaine, Marjorie E SPL" <Marjorie.E.Blaine@usace.army.mil>  
02/08/2010 03:37 PM

To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>  
cc

Subject  
RE: Seeking meeting date

9th, 10th, 16th

Marjorie  
In the interest of the environment, please print only if necessary and  
recycle

-----Original Message-----

From: Teresa Ann Ciapusci [mailto:tciapusci@fs.fed.us]  
Sent: Monday, February 08, 2010 3:22 PM  
To: Blaine, Marjorie E SPL  
Subject: RE: Seeking meeting date

What dates do you have available before March 19?

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

"Blaine, Marjorie E SPL" <Marjorie.E.Blaine@usace.army.mil>

02/08/2010 02:14 PM To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>, "Alvarez, Cindy"  
<cindy\_alvarez@blm.gov> cc Subject  
RE: Seeking meeting date

Teresa

I'm not available any of those dates. I don't work on Fridays :(

Marjorie  
In the interest of the environment, please print only if necessary and  
recycle

-----Original Message-----

From: Teresa Ann Ciapusci [mailto:tciapusci@fs.fed.us]  
Sent: Monday, February 08, 2010 12:41 PM  
To: Blaine, Marjorie E SPL; Alvarez, Cindy  
Subject: Seeking meeting date

Marjorie and Cindy -

I'm working on establishing a date for the responsible officials to meet for  
a final look at the range of alternatives for the Rosemont Copper Project

DEIS. Jeanine has the following dates available: March 1, 2 or 5 in the afternoon or any time on March 12. Please let me know which of these dates works best for your schedules.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

**FIELD DATA SHEET**  
**PRE-DRILLING SURVEY AND MONITIRNG**

**Project:** Archaeological and Agave Monitoring for the Rosemont Hydrologic and Geotechnical Drilling Project

**Location:** Coronado National Forest; Pima County, Arizona

**Date:** \_\_\_\_\_, **Field Personnel:** \_\_\_\_\_

**Drill Pad ID Number:** \_\_\_\_\_

**Road ID Number:** \_\_\_\_\_

**Agave Monitoring:** \_\_\_\_\_

**Sketch of Drill Pad or Road Segment:**

---

**Notes/Observations:**

---

**GPS Data:**

---

**Photo Point Data:**

**FIELD DATA SHEET**  
**PRE-DRILLING SURVEY AND MONITIRNG**

**Project:** Archaeological and Agave Monitoring for the Rosemont Hydrologic and Geotechnical Drilling Project

**Location:** Coronado National Forest; Pima County, Arizona

**Date:** \_\_\_\_\_, **Field Personnel:** \_\_\_\_\_

**Drill Pad ID Number:** \_\_\_\_\_

**Road ID Number:** \_\_\_\_\_

**Cultural Monitoring:** \_\_\_\_\_

**Sketch of Drill Pad or Road Segment:**

---

**Notes/Observations:**

---

**GPS Data:**

---

**Photo Point Data:**

## SWCA FIELD OPERATING PROCEDURES

### ARCHAEOLOGICAL AND AGAVE MONITORING FOR THE ROSEMONT PROJECT HYDROLOGIC AND GEOTECHNICAL DRILLING OPERATION

SWCA will provide one archaeologist and one biologist as needed to perform cultural resource and agave plant monitoring services as required by the Coronado National Forest Amendments to the Rosemont Copper Company Plan of Operations for Geotechnical and Hydrogeologic Drilling in the Eastern Santa Rita Mountains signed by the Rosemont Copper Company on 10 March 2008 (Attachment 1).

#### **A. Cultural Resource Monitoring**

Archaeological monitoring will be conducted in three phases: pre-drilling/mobilization, during drill rig set up, and Post-drilling/reclamation as outlined below.

##### **1. Pre-drilling/mobilization**

The SWCA archaeologist will perform the following tasks during the pre-drilling phase of the project:

- Prior to Review the Plan of Operations for the Rosemont Project Hydrologic and Geotechnical Drilling Operations (WestLand Resources February 8, 2008).
- Conduct a sub-meter GPS survey of the new road alignments and drill pads that have been marked in the field by Rosemont personnel.
- Record the GPS data on the field data sheet page 1 of 2.
- Survey an extra 5 feet of clearance for the drill pads.
- Place stakes approximately 2 feet from the edge of the drill pads, so earthworks contractor can leave the stakes in place. Place stakes at 25 ft intervals and at all corners.
- Clear roadway from center line plus twenty feet on either side, stake every 50-100 feet.
- Photograph the drill pads and road alignments once the areas have been staked; take photographs along N, S, E, & W boundaries and representative of the site.
- Sketch the drill pad configuration and road alignments on page 1 of 2 field data sheet; note location and direction of photographs, location of boundary stakes location of any cultural sites, etc.

##### **2. Drill Rig Set Up**

- Review filed data sheets for each drill pad and road alignment.
- Check road alignments and drill pads to ensure the contractor has not disturbed areas outside of the staked boundaries.
- Reset missing or disturbed stakes.

- Photograph the alignments to document location of drill rigs and roads, and record information on field data sheets.
- Contact Forest Archaeologist to report any disturbances outside of the staked alignments note whether any sites have been disturbed.

### **3. Post-Drilling/Reclamation**

- Conduct field visit to document post-drilling conditions.
- Determine if any disturbance has occurred outside of the staked boundaries.
- Photograph the road alignments and drill pads from the same vantages as recorded during the pre-drilling monitoring.
- Contact Forest Archaeologist if any disturbance is noted outside of the staked boundaries.

### **B. Agave Monitoring**

SWCA will provide one biologist as needed to perform the agave monitoring that will be conducted with oversight by a Forest Service Wildlife Biologist. Agave monitoring will be conducted during the pre-drilling stage of the project and as requested by the Forest or Rosemont representatives throughout the drilling program. The SWCA biologist will perform the following tasks during the pre-drilling phase of the project:

- All new roads and drill pads will be surveyed for the presence of agave plants.
- All agave plants located within the disturbance limits of the roads and drill pads will be clearly marked using survey tape and/or stakes, and the GPS locations will be recorded on field data sheets.
- Photographs of the agave plants will also be recorded on field data sheet 2 of 2.
- The location of agave plants to be transplanted will be sketched on the field data sheet.
- The SWCA biologist will monitor agave transplanting and planting of agave nursery stock activities that will be conducted by a third-party contractor with oversight and coordination of these activities by the Forest Service wildlife biologist.
- SWCA will coordinate with the Forest Service wildlife biologist to identify additional monitoring requirements throughout the drilling operation.

**From:** "rion bowers" <rbowers@swca.com>  
**Sent:** Wed Apr 16 2008 17:42:14 EDT  
**To:** <mfarell@fs.fed.us>; <wgillespie@fs.fed.us>; <mfarrell@fs.fed.us>  
**CC:** "tom euler" <teuler@swca.com>; <beverson@fs.fed.us>  
**Subject:** Rosemont Copper Geotechnical Arch/Agave Clearance project (SWCA File 12267)  
**Attachments:** Rosemont Field Ops Procedures data sheet 2 of 2.pdf; Rosemont Field Ops Procedures data sheet 1 of 2.pdf; Rosemont Field Ops Procedures.pdf

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Mary/Bill,

I believe Tom Euler indicated to you last week that SWCA would be conducting the clearance studies and marking the drill pad and access road improvements for the Rosemont geotech project. For your information, I have attached the operating procedure we are implementing for this project. Please let me know if you have any questions or comments. I will continue to keep you in the loop and will provide summary reports for your review/files after each step.

Regards,

Rion

<<Rosemont Field Ops Procedures.pdf>> <<Rosemont Field Ops Procedures data sheet 1 of 2.pdf>>  
<<Rosemont Field Ops Procedures data sheet 2 of 2.pdf>>

-----  
Rion J. Bowers  
Senior Project Manager - Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
e-mail: rbowers@swca.com  
Phone: (520) 325-9194  
Fax: (520) 325-2033

- Rosemont Field Ops Procedures.pdf - Rosemont Field Ops Procedures data sheet 1 of 2.pdf - Rosemont Field Ops Procedures data sheet 2 of 2.pdf

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Wed Feb 10 2010 16:22:42 EST  
**To:** "'debby kriegel'" <dkriegel@fs.fed.us>  
**CC:** "'melinda d roth'" <mroth@fs.fed.us>; "'beverley a everson'" <beverson@fs.fed.us>; "'salek shafiqullah'" <sshafiqullah@fs.fed.us>; "'tom furgason'" <tfurgason@swca.com>  
**Subject:** FW: Rosemont Landform Project  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Debby,

Horst has agreed to a schedule that completes his work in time.....

Dale

From: Horst [mailto:hjschor@jps.net]  
Sent: Wednesday, February 10, 2010 11:26 AM  
To: 'Dale Ortman PE'  
Subject: RE: Rosemont Landform Project

Dale:

To clarify my situation with regards to the deadline now prescribed please understand that before I can start any Landform design work it is imperative to keep in mind that:

1. I need written authorization to proceed.
2. I do not need the Golder report to initiate Landform design work. There is much preliminary topographic analysis, volume computations and design evolution that has to be done before Golder's work comes into play.

3. No later than one week after start of my design work I will need the three (3) items listed under Section 2 "Available Information" in my last proposal (facilities location, heritage areas and the topography for three alternative waste layouts) in the formats stated.

With the delays encountered thus far, at this point every day counts and it is imperative in order to come close to the suggested March 3 deadline that I receive written authorization before February 15.

Three (3) weeks are needed for a design undertaking of this magnitude and based on this and the above I foresee at this point a completion of the work by March 8, 2010.

Per your revised task schedule:

Task 1	\$ 4,000
Task 2	\$27,000
Task 3	\$ 5,000
Task 4b	\$ 3,500
Total	\$39,500

This is a design of considerable complexity that cannot be rushed through and done right.

I hope the team can understand and appreciate my position as I have been anxious to move forward with this assignment for quite some time.

Horst

From: Dale Ortman PE [mailto:daleortmanpe@live.com]  
Sent: Tuesday, February 09, 2010 2:43 PM  
To: 'Horst'

Cc: 'Debby Kriegel'; 'Melinda D Roth'; 'Tom Furgason'; 'Marcie Bidwell'; 'Melissa Reichard'  
Subject: Rosemont Landform Project  
Importance: High

Horst,

The CNF has committed to finalize the list of alternatives for consideration in the Rosemont DEIS by March 15th and must determine if landforming is a viable alternative prior to that date. Therefore, the essential elements in your proposal of January 10, 2010 must be completed in time for the CNF to include them in their decision making process. Golder has confirmed that they will submit their report on Monday February 15 and you can receive a copy no later than the following day. In order to meet the deadline it is necessary for you to complete the following work elements no later than March 3rd:

- Task 1, Second bullet item - "review.... Golder's report and its implications for the Landform design."  
Note: Golder will be available for limited consultation.
- Task 2 – Landform Design
- Task 3 – Study three alternative locations for mine waste disposal
- Task 4b – Presentation of Landform design plans and findings to team members in Tucson. Note: In order to expedite the work schedule the design report (Task 4a) is not included in this work. Completion of the design report will be held until after the presentation.

Please let us know if you are able to complete the reduced scope-of-work within the necessary schedule, and any cost modification associated with the revision.

Regards,

Dale

---

Dale Ortman PE PLLC

Consulting Engineer

(520) 896-2404 - Arizona Office

(520) 449-7307 - Mobile

FW: Rosemont Landform Project

(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

**From:** debby kriegel/r3/usdafs;nsf;dkriegel@fs.fed.us;smtp  
**Sent:** Wed Feb 10 2010 17:01:13 EST  
**To:** "dale ortman pe" <daleortmanpe@live.com>  
**CC:** ""beverley a everson" <beverson@fs.fed.us>;""melinda d roth" <mroth@fs.fed.us>;""salek shafiqullah" <sshafiqullah@fs.fed.us>;""tom furgason" <tfurgason@swca.com>  
**Subject:** Re: FW: Rosemont Landform Project  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Dale:

This is good news! When will he have a contract and the items he needs?

Debby

"Dale Ortman PE" <daleortmanpe@live.com>

02/10/2010 02:25 PM

To  
""Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
""Melinda D Roth" <mroth@fs.fed.us>, ""Beverley A Everson" <beverson@fs.fed.us>, ""Salek Shafiqullah" <sshafiqullah@fs.fed.us>, ""Tom Furgason" <tfurgason@swca.com>  
Subject  
FW: Rosemont Landform Project

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Dale

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Sent: Tuesday, February 09, 2010 2:43 PM  
To: 'Horst'  
Cc: 'Debby Kriegel'; 'Melinda D Roth'; 'Tom Furgason'; 'Marcie Bidwell'; 'Melissa Reichard'  
Subject: Rosemont Landform Project  
Importance: High

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In order to expedite the work schedule the design report (Task 4a) is not included in this work.  
Completion of the design report will be held until after the presentation.

Please let us know if you are able to complete the reduced scope-of-work within the necessary schedule, and any cost modification associated with the revision.

Regards,

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

(520) 896-2404 - Arizona Office  
(520) 449-7307 - Mobile  
(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233  
Oracle, AZ 85623

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Thu Feb 11 2010 08:42:06 EST  
**To:** "salek shafiqullah" <sshafiqullah@fs.fed.us>  
**CC:** "beverley a everson" <beverson@fs.fed.us>; "melinda d roth" <mroth@fs.fed.us>; "tom furgason" <tfurgason@swca.com>  
**Subject:** Inclusion of Recent Myers Groundwater Model Review in Upcoming SRK-Montgomery Meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Salek,

I think Pima County submitting the recent Myers report is most fortuitous; it allows us to deal with all the peer review at one time. I'd like to suggest we formally include the Myers report in the upcoming SRK-Montgomery meeting and have them develop a plan to resolve all the peer review issues. Please get back to me on this; however due to the short timeframe I'll query SRK on this as well.

Cheers,

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

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(520) 449-7307 - Mobile

(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

**From:** salek shafiqullah/r3/usdafs;nsf;sshafiqullah@fs.fed.us;smt  
**Sent:** Thu Feb 11 2010 10:59:08 EST  
**To:** "dale ortman pe" <daleortmanpe@live.com>  
**CC:** ""beverley a everson"" <beverson@fs.fed.us>;""melinda d roth"" <mroth@fs.fed.us>;""tom furgason"" <tfurgason@swca.com>  
**Subject:** Re: Inclusion of Recent Myers Groundwater Model Review in Upcoming SRK-Montgomery Meeting  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Dale,

Yes, I agree that it would be beneficial to attempt to consolidate the review of both SRK and Myers. If we can get all of the outstanding issues resolved at this time it will help us move forward without leaving any loose ends.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

"Dale Ortman PE" <daleortmanpe@live.com>

02/11/2010 06:42 AM

To  
""Salek Shafiqullah"" <sshafiqullah@fs.fed.us>  
cc  
""Beverley A Everson"" <beverson@fs.fed.us>, ""Melinda D Roth"" <mroth@fs.fed.us>, ""Tom Furgason"" <tfurgason@swca.com>  
Subject  
Inclusion of Recent Myers Groundwater Model Review in Upcoming SRK-Montgomery Meeting

Salek,

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Cheers,

Dale

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Dale Ortman PE PLLC  
Consulting Engineer

(520) 896-2404 - Arizona Office

(520) 449-7307 - Mobile

(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

Re: Next meeting with Corps of Engineers

**From:** robert lefevre/r3/usdafs;nsf;rlefevre@fs.fed.us;smtp  
**Sent:** Thu Feb 11 2010 10:32:51 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:**  
**Subject:** Re: Next meeting with Corps of Engineers  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Please keep me in the loop. Thanks.  
Robert E. Lefevre  
Forestry and Watershed Program Manager  
Coronado National Forest  
USDA Forest Service  
520-388-8373

Beverley A Everson/R3/USDAFS  
02/10/2010 05:42 PM

To  
aelek@fs.fed.us, Deborah K Sebesta/R3/USDAFS@FSNOTES, dkriegel@fs.fed.us, ecuriel@fs.fed.us, gmckay@fs.fed.us, kbrown03@fs.fed.us, kellett@fs.fed.us, ljones02@fs.fed.us, Mary M Farrell/R3/USDAFS@FSNOTES, Melinda D Roth/R3/USDAFS@FSNOTES, rlefevre@fs.fed.us, sldavis@fs.fed.us, sshafiqullah@fs.fed.us, temmett@fs.fed.us, tfurgason@swca.com, Walter Keyes/R3/USDAFS@FSNOTES, William B Gillespie/R3/USDAFS@FSNOTES  
cc

Subject  
Next meeting with Corps of Engineers

Please see the correspondence below concerning a meeting with the COE to discuss alternatives Let me know if you are interested in attending the meeting so that I can keep you in the loop on the scheduling.

Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428

Re: Next meeting with Corps of Engineers

Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 02/10/2010 05:35 PM -----

Melinda D Roth/R3/USDAFS  
02/10/2010 04:06 PM

To  
tfurgason@swca.com, Salek Shafiqullah/R3/USDAFS@FSNOTES  
cc  
Beverley A Everson/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES  
Subject  
Re: Fw: Seeking meeting dateLink

check you calendars for a meeting with the Army Corp...see below. Bev, pls share with others as you see fit.

Mindee Roth  
Coronado National Forest  
300 W. Congress, FB42  
Tucson, AZ 85701  
(520) 388-8319  
(520) 396-0715 (cell)  
(520) 388-8305 (FAX)

Jeanine Derby/R3/USDAFS  
02/10/2010 01:43 PM

To  
Teresa Ann Ciapusci/R3/USDAFS@FSNOTES  
cc  
Melinda D Roth/R3/USDAFS@FSNOTES, Beverley A Everson/R3/USDAFS@FSNOTES  
Subject  
Re: Fw: Seeking meeting dateLink

Let's try to pin down a meeting on March 16. I'm supposed to be in Albuquerque at RLT, but I'll adjust if

she will agree to a time.

Bev and Mindy, if Teresa Ann can get a commitment from Marjorie Blaine then get SWCA and any other team members appropriate for this meeting lined up to attend.

Jeanine Derby, Forest Supervisor  
Coronado National Forest  
phone: 520 388-8306  
FAX: 520 388-8305

Teresa Ann Ciapusci/R3/USDAFS  
02/09/2010 08:39 AM

To  
Jeanine Derby/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Seeking meeting date

See below. Marjorie is available on March 9, 10, and 16. Are any of these dates that work with your schedule?

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

----- Forwarded by Teresa Ann Ciapusci/R3/USDAFS on 02/09/2010 08:38 AM -----

"Blaine, Marjorie E SPL" <Marjorie.E.Blaine@usace.army.mil>  
02/08/2010 03:37 PM

To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>  
cc

Subject  
RE: Seeking meeting date

9th, 10th, 16th

Marjorie  
In the interest of the environment, please print only if necessary and recycle

-----Original Message-----

From: Teresa Ann Ciapusci [mailto:[tciapusci@fs.fed.us](mailto:tciapusci@fs.fed.us)]  
Sent: Monday, February 08, 2010 3:22 PM  
To: Blaine, Marjorie E SPL  
Subject: RE: Seeking meeting date

What dates do you have available before March 19?

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

"Blaine, Marjorie E SPL" <[Marjorie.E.Blaine@usace.army.mil](mailto:Marjorie.E.Blaine@usace.army.mil)>

02/08/2010 02:14 PM To  
"Teresa Ann Ciapusci" <[tciapusci@fs.fed.us](mailto:tciapusci@fs.fed.us)>, "Alvarez, Cindy"  
<[cindy\\_alvarez@blm.gov](mailto:cindy_alvarez@blm.gov)> cc Subject  
RE: Seeking meeting date

Teresa

I'm not available any of those dates. I don't work on Fridays :(

Marjorie

In the interest of the environment, please print only if necessary and recycle

-----Original Message-----

From: Teresa Ann Ciapusci [mailto:[tciapusci@fs.fed.us](mailto:tciapusci@fs.fed.us)]

Sent: Monday, February 08, 2010 12:41 PM

To: Blaine, Marjorie E SPL; Alvarez, Cindy

Subject: Seeking meeting date

Marjorie and Cindy -

I'm working on establishing a date for the responsible officials to meet for a final look at the range of alternatives for the Rosemont Copper Project DEIS. Jeanine has the following dates available: March 1, 2 or 5 in the afternoon or any time on March 12. Please let me know which of these dates works best for your schedules.

Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

Re: Fw: Seeking meeting date

**From:** jeanine derby/r3/usdafs;nsf;jderby@fs.fed.us;smtp  
**Sent:** Wed Feb 10 2010 20:23:52 EST  
**To:** beverley a everson/r3/usdafs@fsnotes  
**CC:** teresa ann ciapusci/r3/usdafs@fsnotes;melinda d roth/r3/usdafs@fsnotes  
**Subject:** Re: Fw: Seeking meeting date  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

yes, have Teresa Ann continue to include cindy from BLM. Marjorie is the critical person - if she can't come, we would cancel. Thanks for catching that.

Jeanine Derby, Forest Supervisor  
Coronado National Forest  
phone: 520 388-8306  
FAX: 520 388-8305

Beverley A Everson/R3/USDAFS  
02/10/2010 05:45 PM

To  
Melinda D Roth/R3/USDAFS@FSNOTES, Jeanine Derby/R3/USDAFS@FSNOTES, Teresa Ann  
Ciapusci/R3/USDAFS@FSNOTES  
cc

Subject  
Re: Fw: Seeking meeting date

Is Cindy still in the loop on the meeting scheduling, or is it just Majorie that we're trying to coordinate with? The email trail here started out addressed to Cindy and Majorie, but then omitted Cindy.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

Re: Fw: Seeking meeting date

Melinda D Roth/R3/USDAFS  
02/10/2010 04:06 PM

To  
tfurgason@swca.com, Salek Shafiqullah/R3/USDAFS@FSNOTES  
cc  
Beverley A Everson/R3/USDAFS@FSNOTES, Teresa Ann Ciapusci/R3/USDAFS@FSNOTES  
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Jeanine Derby/R3/USDAFS  
02/10/2010 01:43 PM

To  
Teresa Ann Ciapusci/R3/USDAFS@FSNOTES  
cc  
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Jeanine Derby, Forest Supervisor

Re: Fw: Seeking meeting date

Coronado National Forest  
phone: 520 388-8306  
FAX: 520 388-8305

Teresa Ann Ciapusci/R3/USDAFS  
02/09/2010 08:39 AM

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cc

Subject  
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02/08/2010 03:37 PM

To  
"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>  
cc

Subject  
RE: Seeking meeting date

9th, 10th, 16th

Marjorie

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Sent: Monday, February 08, 2010 3:22 PM

To: Blaine, Marjorie E SPL

Subject: RE: Seeking meeting date

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Teresa Ann Ciapusci

Staff Officer

Ecosystem Management and Planning

Coronado National Forest

300 West Congress, FB42

Tucson, Arizona 85701

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"Blaine, Marjorie E SPL" <Marjorie.E.Blaine@usace.army.mil>

02/08/2010 02:14 PM To

"Teresa Ann Ciapusci" <tciapusci@fs.fed.us>, "Alvarez, Cindy"

<cindy\_alvarez@blm.gov> cc Subject

RE: Seeking meeting date

Teresa

I'm not available any of those dates. I don't work on Fridays :(

Marjorie

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-----Original Message-----

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Sent: Monday, February 08, 2010 12:41 PM

To: Blaine, Marjorie E SPL; Alvarez, Cindy

Subject: Seeking meeting date

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Teresa Ann Ciapusci  
Staff Officer  
Ecosystem Management and Planning  
Coronado National Forest  
300 West Congress, FB42  
Tucson, Arizona 85701  
(520) 388-8350 office  
(520) 237-0879 cellular  
(520) 388-8305 fax

**From:** "dale ortman pe" <daleortmanpe@live.com>  
**Sent:** Wed Feb 10 2010 20:55:05 EST  
**To:** "'stone, claudia'" <cstone@srk.com>  
**CC:** "'hoag, cori'" <choag@srk.com>; "'hale barter'" <hbarter@elmontgomery.com>; "'kathy arnold'" <karnold@rosemontcopper.com>; "'salek shafiqullah'" <sshafiqullah@fs.fed.us>; "'beverley a everson'" <beverson@fs.fed.us>; "'melinda d roth'" <mroth@fs.fed.us>; "'tom furgason'" <tfurgason@swca.com>  
**Subject:** FW: Hydrogeologic Modeling - Santa Rita Ridge, East Side  
**Attachments:**

**Importance:** Normal

**Priority:** Urgent

**Sensitivity:** None

*The following message body may have embedded images.*

Claudia,

Rosemont has agreed to the plan for a meeting between SRK and Montgomery; please arrange for the earliest possible time (as of our last conversation it looked like the week of February 22nd was the soonest Vladimir and Larry were available). Feel free to contact Hale Barter at Montgomery to work out the details. Please allow for time to (1) meet with Montgomery to discuss resolution of the technical issues, and (2) a meeting with the CNF & SWCA staff to present the plan to resolve the issues. I suspect this may take longer than one day, but I suggest you discuss this with Hale and determine if we need one or two days to wrap this up.

Please provide a cost estimate for the meeting and whether or not there is sufficient money remaining in the current budget.

Please keep me informed as this plan comes together.

Thanks,

Dale

---

Dale Ortman PE PLLC

Consulting Engineer

(520) 896-2404 - Arizona Office

(520) 449-7307 - Mobile

(435) 682-2777 - Utah Office

daleortmanpe@live.com

PO Box 1233

Oracle, AZ 85623

From: Kathy Arnold [mailto:karnold@rosemontcopper.com]  
Sent: Wednesday, February 10, 2010 3:37 PM  
To: Dale PE  
Cc: Hale Barter; Jamie Sturgess  
Subject: Hydrogeologic Modeling - Santa Rita Ridge, East Side  
Importance: High

Dale-

Thank you for your suggestion that there be a technical meeting between the SRK technical reviewer of the Montgomery Model and the Montgomery technical people. I agree that there appear to be some questions that need to be sorted out and an in person meeting will be the best way for the SRK personnel to see the work result all in one place. I agree that this meeting should take place either later this week or early next, so please make the appropriate arrangements.

With this email, I am authorizing Montgomery and Associates to make themselves and all of their information available to SRK so that these questions can be answered without additional back and forth between the technical people. I agree that for this round of review there should not be additional people in attendance. This will facilitate the free-flow of information and keep the discussions on a technical level.

Once a full understanding of methods, technical analysis, and field testwork is reached we can see what the next steps should be. I am attaching the letter provided by Dale as a prelude to the topics that will be covered in the meeting.

Regards,  
Kathy

Katherine Ann Arnold, P.E. | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724

karnold@rosemontcopper.com

Rosemont Copper Company

P.O. Box 35130 | Tucson, AZ 85740-5130

3031 West Ina Road | Tucson, AZ 85741 | [www.rosemontcopper.com](http://www.rosemontcopper.com)

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**From:** salek shafiqullah/r3/usdafs;nsf;sshafiqullah@fs.fed.us;smtp  
**Sent:** Thu Feb 11 2010 15:37:16 EST  
**To:** "dale ortman pe" <daleortmanpe@live.com>  
**CC:** ""beverley a everson"" <beverson@fs.fed.us>;""melinda d roth"" <mroth@fs.fed.us>;""tom furgason"" <tfurgason@swca.com>  
**Subject:** Document Request: TT proposal for Davidson GW model  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Hello Dale,  
I am interested in obtaining a copy of the proposal by Tetra Tech regarding a groundwater model for Davidson Canyon. Could you please forward the proposal and any associated transmittals. Thanks.

Salek Shafiqullah, Hydrologist  
Coronado National Forest  
520-388-8377

**From:** sarah l davis/r3/usdafs;nsf;sldavis@fs.fed.us;smtp  
**Sent:** Mon Jan 04 2010 19:21:55 EST  
**To:** mreichard@swca.com  
**CC:** beverley a everson/r3/usdafs@fsnotes  
**Subject:** electronic index to pre-NEPA record  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Per your request to get this index of Bev's, I spoke with her this morning and she will send it to you.

Sarah L. Davis, ASLA  
Plan Revision Team  
Coronado National Forest  
TEL 520-388-8458  
FAX 520-388-8332

RE: gps location of excavation work at rosemont

**From:** mike clarke <mclarke@augustaresource.com>  
**Sent:** Wed Apr 30 2008 10:53:41 EDT  
**To:** karnold@augustaresource.com;'beverley a everson' <beverson@fs.fed.us>  
**CC:** sparks33152@yahoo.com;jmcgeo@cox.net;'lois and dennis fischer' <fischers7@msn.com>;jsturgess@augustaresource.com  
**Subject:** RE: gps location of excavation work at rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Kathy,  
I'm concerned that the photo may be of the pond we are using to store spent drilling mud, which is definitely on private land, while the coordinates are of the recently upgraded stock tank, which has no drilling mud and is on USFS land. The Hilton website showed both tanks. If we can find out which of the tanks the new complaint has linked to the coordinates, we can clarify.  
Thanks  
Mike

-----Original Message-----

**From:** Kathy Arnold [mailto:karnold@augustaresource.com]  
**Sent:** Wednesday, April 30, 2008 8:10 AM  
**To:** 'Mike Clarke'; 'Beverley A Everson'  
**Cc:** sparks33152@yahoo.com; jmcgeo@cox.net; 'LOIS AND DENNIS FISCHER'; jsturgess@augustaresource.com  
**Subject:** RE: gps location of excavation work at rosemont

The photos are the ones we have seen that Hilton Ranch put up - the problem is I am not sure if it is the stock tank on our property or the one on FS. Jeff seems to think it's the clay lined stock tank and I concur.

Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@augustaresource.com

Rosemont Copper Company  
P.O. Box 35130 | Tucson, AZ 85740-5130  
3031 West Ina Road | Tucson, AZ 85741 | www.rosemontcopper.com

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-----Original Message-----

**From:** Mike Clarke [mailto:mclarke@augustaresource.com]

RE: gps location of excavation work at rosemont

Sent: Wednesday, April 30, 2008 5:53 AM  
To: karnold@augustaresource.com; 'Beverley A Everson'  
Cc: sparks33152@yahoo.com; jmcgeo@cox.net; 'LOIS AND DENNIS FISCHER';  
jsturgess@augustaresource.com  
Subject: RE: gps location of excavation work at rosemont

Kathy,  
Do you have a copy of the photo? That would help us confirm the location  
Mike

-----Original Message-----

From: Kathy Arnold [mailto:karnold@augustaresource.com]  
Sent: Tuesday, April 29, 2008 7:54 PM  
To: 'Beverley A Everson'  
Cc: sparks33152@yahoo.com; jmcgeo@cox.net; 'LOIS AND DENNIS FISCHER';  
jsturgess@augustaresource.com; 'Mike'  
Subject: RE: gps location of excavation work at rosemont

Bev -  
Because I am not sure what coordinate system is being used with this (NAD83,  
NAD27, or something else) I was only able to check the coordinates against a  
general vicinity. I do believe this is the stock tank on Rosemont Property  
we were talking about at the meeting.

I will have our guys check (to the best of their ability) to be sure that I  
am correct and get back to you if I was incorrect.

Dennis -  
Could you please get Jeff or Scott to help you check out the coordinates  
listed below against a map and verify for me if the activity is on private  
land?

Thank you -  
Kathy

Kathy Arnold | Director of Environmental and Regulatory Affairs  
Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
karnold@augustaresource.com

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delete it from your system.

-----Original Message-----

From: Beverley A Everson [mailto:beverson@fs.fed.us]  
Sent: Tuesday, April 29, 2008 5:10 PM  
To: karnold@augustaresource.com

RE: gps location of excavation work at rosemont

Subject: Fw: gps location of excavation work at rosemont

Kathy, I just mentioned this to you on the phone. As I said, I think that it is the same stock tank you mentioned in the meeting last week. Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 04/29/2008 05:09 PM

-----

"John Able"  
<jable@fs.fed.us>  
Sent by: To  
johnable23@gmail. "Beverley A Everson"  
com <beverson@fs.fed.us>  
cc

04/25/2008 01:50 Subject  
PM Fwd: gps location of excavation  
work at rosemont

Bev, here's the gps coordinates given to me by Robert Harris. He claims he saw a bulldozer doing work for Rosemont at this location, and he says it is definitely on NFS land. He had photos posted of this work at the Elgin meeting. It looked like a stock tank to me, but he said it was used for dumping debris from a bore hole. I told him I would investigate and get back to him.

Do you know if Rosemont is working in that area? And if so, is it an approved project?

----- Forwarded message -----

From: robert <robertwharris@hughes.net>  
Date: Thu, Apr 24, 2008 at 9:43 PM  
Subject: gps location of excavation work at rosemont  
To: jable@fs.fed.us

John,  
These are the co-ordinates we were discussing concerning some of the dozer

RE: gps location of excavation work at rosemont

work on what I believe to be federal land.  
This mark is at the center of the pit.  
Sorry it took a day to get the information to you.

31.84795 110.752083

Yours truly,  
Robert W Harris  
762-9339

RE: gps location of excavation work at rosemont

**From:** jeff cornoyer <jmcgeo@cox.net>  
**Sent:** Wed Apr 30 2008 11:57:33 EDT  
**To:** karnold@augustaresource.com;mike clarke <mclarke@augustaresource.com>;'beverley a everson' <beverson@fs.fed.us>  
**CC:** jsturgess@augustaresource.com;'lois and dennis fischer' <fischers7@msn.com>;sparks33152@yahoo.com  
**Subject:** RE: gps location of excavation work at rosemont  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

I used my GPS software to translate the Lat Lon into UTM meters and then projected them with our GIS software. The translated coordinates (523456 3523609) plot dead center to the clay lined FS tank, across from the Ingersoll breccia, south of Gunsight.

Jeff

----- Mike Clarke <mclarke@augustaresource.com> wrote:

> Kathy,  
> I'm concerned that the photo may be of the pond we are using to store spent  
> drilling mud, which is definitely on private land, while the coordinates are  
> of the recently upgraded stock tank, which has no drilling mud and is on  
> USFS land. The Hilton website showed both tanks. If we can find out which  
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> jsturgess@augustaresource.com  
> Subject: RE: gps location of excavation work at rosemont

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> Jeff seems to think it's the clay lined stock tank and I concur.

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> Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
> karnold@augustaresource.com

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>  
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> Bev -  
> Because I am not sure what coordinate system is being used with this (NAD83,  
> NAD27, or something else) I was only able to check the coordinates against a  
> general vicinity. I do believe this is the stock tank on Rosemont Property  
> we were talking about at the meeting.

>  
> I will have our guys check (to the best of their ability) to be sure that I  
> am correct and get back to you if I was incorrect.

>  
> Dennis -  
> Could you please get Jeff or Scott to help you check out the coordinates  
> listed below against a map and verify for me if the activity is on private  
> land?

>  
> Thank you -  
> Kathy

>  
> Kathy Arnold | Director of Environmental and Regulatory Affairs  
> Cell: 520.784.1972 | Main: 520.297.7723 | Fax 520.297.7724  
> karnold@augustaresource.com

>  
>  
> Rosemont Copper Company  
> P.O. Box 35130 | Tucson, AZ 85740-5130  
> 3031 West Ina Road | Tucson, AZ 85741 | www.rosemontcopper.com

>  
> PLEASE NOTE: This message, including any attachments, may include  
> privileged, confidential and/or inside information. Any distribution or use  
> of this communication by anyone other than the intended recipient is  
> strictly prohibited and may be unlawful. If you are not the intended  
> recipient, please notify the sender by replying to this message and then  
> delete it from your system.

RE: gps location of excavation work at rosemont

>  
>  
>

> -----Original Message-----

> From: Beverley A Everson [mailto:beverson@fs.fed.us]  
> Sent: Tuesday, April 29, 2008 5:10 PM  
> To: karnold@augustaresource.com  
> Subject: Fw: gps location of excavation work at rosemont

>  
>

> Kathy, I just mentioned this to you on the phone. As I said, I think that  
> it is the same stock tank you mentioned in the meeting last week. Bev

>

> Beverley A. Everson  
> Forest Geologist  
> Coronado National Forest  
> 300 W. Congress Street, 6th Floor  
> Tucson, AZ. 85701

>

> Voice: 520-388-8428  
> Fax: 520-388-8305

>

> ----- Forwarded by Beverley A Everson/R3/USDAFS on 04/29/2008 05:09 PM

> -----

>

> "John Able"

> <jable@fs.fed.us>

> Sent by: To

> johnable23@gmail. "Beverley A Everson"

> com <beverson@fs.fed.us>

> cc

>

> 04/25/2008 01:50 Subject  
> PM Fwd: gps location of excavation  
> work at rosemont

>

>

>

>

>

>

>

>

>

>

>

> Bev, here's the gps coordinates given to me by Robert Harris. He claims he  
> saw a bulldozer doing work for Rosemont at this location, and he says it is  
> definitely on NFS land. He had photos posted of this work at the Elgin  
> meeting. It looked like a stock tank to me, but he said it was used for  
> dumping debris from a bore hole. I told him I would investigate and get  
> back to him.

>

> Do you know if Rosemont is working in that area? And if so, is it an  
> approved project?

>

> ----- Forwarded message -----

> From: robert <robertwharris@hughes.net>

RE: gps location of excavation work at rosemont

> Date: Thu, Apr 24, 2008 at 9:43 PM  
> Subject: gps location of excavation work at rosemont  
> To: jable@fs.fed.us  
>  
>  
> John,  
> These are the co-ordinates we were discussing concerning some of the dozer  
> work on what I believe to be federal land.  
> This mark is at the center of the pit.  
> Sorry it took a day to get the information to you.  
>  
> 31.84795 110.752083  
>  
> Yours truly,  
> Robert W Harris  
> 762-9339  
>  
>  
>  
>  
>

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Tue May 06 2008 14:55:24 EDT  
**To:** "nicole fyffe" <nicole.fyffe@pima.gov>  
**CC:**  
**Subject:** Re: FW: Selection process  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

*The following message body may have embedded images.*

We're still working on responding to the requests for information on the selection process.

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Nicole Fyffe" <Nicole.Fyffe@pima.gov>  
05/05/2008 11:02 AM

To  
"Jamie Sturgess" <jsturgess@augustaresource.com>  
cc  
"Beverly Everson" <beverson@fs.fed.us>  
Subject  
FW: Selection process

Hi Jaime. As you requested, attached is the contract for Tom Myers, and info regarding the selection process. It took me about 2-3 working days since your request to get you this info. My understanding is that the Forest Service has had requests for the selection process used for SWCA - and that is has been a few weeks since those requests. Has that information been sent out to those making those requests, and if so can we get a copy? Thanks.

-Nicole

From: George Widugiris  
Sent: Monday, May 05, 2008 9:47 AM

Re: FW: Selection process

To: Nicole Fyffe

Subject: FW: Selection process

Hi Nicole.....This contract resulted from a direct select request authorized under A.R.S. 34-103.D.1.

**From:** beverley a everson/r3/usdafs;nsf;beverson@fs.fed.us;smtp  
**Sent:** Wed May 07 2008 18:44:06 EDT  
**To:** "sue lewin" <slewin@lewin-associates.com>  
**CC:** "'marty rozelle'" <rgl97marty@rozellegroup.com>  
**Subject:** RE: Rosemont Call Tomorrow  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

The call in number for you is 520.388.8437. Talk to you tomorrow. Bev

Beverley A. Everson  
Forest Geologist  
Coronado National Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

"Sue Lewin" <slewin@lewin-associates.com>  
05/07/2008 02:49 PM

To  
"'Marty Rozelle'" <rgl97marty@rozellegroup.com>, "'Beverley A Everson'" <beverson@fs.fed.us>, "'Tom Furgason'" <tfurgason@swca.com>  
cc

Subject  
RE: Rosemont Call Tomorrow

Thanks, Marty. Yes, I can stay on longer, if needed.

Sue Lewin  
ADOT Northwest Valley Community Outreach Team  
602-295-3145

From: Marty Rozelle [mailto:rgl97marty@rozellegroup.com]  
Sent: Wednesday, May 07, 2008 10:58 AM  
To: 'Beverley A Everson'; 'Sue Lewin'; 'Tom Furgason'  
Subject: Rosemont Call Tomorrow

Bev, Sue, and Tom,

I can't make the call from 12:30 – 1:00 Thursday. Bev will give Sue and me a number to use for call in.

Sue, could you stay on longer?

I intend to have my draft annotated agenda by the end of today. This will primarily include my speaking points.

Marty

Dr. Martha A. Rozelle, President

The Rozelle Group Ltd.

7000 N. 16th Street, Suite 120, #145

Phoenix, AZ 85020

T 602.224.0847 F 602.678.4655

RGL97marty@rozellegroup.com

"And in the end it's not the years in your life that count. It's the life in your years." Abraham Lincoln

**From:** "tom furgason" <tfurgason@swca.com>  
**Sent:** Tue May 06 2008 17:45:43 EDT  
**To:** "beverley a everson" <beverson@fs.fed.us>; "andrea w campbell" <awcampbell@fs.fed.us>  
**CC:**  
**Subject:** FW: Kim Beck--Save Santa Rita FOIA request  
**Attachments:**

**Importance:** Low  
**Priority:** Normal  
**Sensitivity:** None

Bev,

We are not aware of any list of permits for the Rosemont Copper Project as it pertains to the FS. However, I believe that RCC has a ADWR (state) permit. Do you think that Kim is really asking about the DM?

Tom

From: Keith Pohs  
Sent: Tuesday, May 06, 2008 2:13 PM  
To: Rion Bowers; Harmony Hall; Tom Furgason  
Cc: Jeff Connell; Tom Euler  
Subject: RE: Kim Beck--Save Santa Rita FOIA request

This is an update that was released by Augusta on their website yesterday:

[http://www.augustaresource.com/upload/News\\_R/050508AZC\\_NRF\\_Q1Permit\\_Update.pdf](http://www.augustaresource.com/upload/News_R/050508AZC_NRF_Q1Permit_Update.pdf)

Note the ADWR permit.

Keith

From: Rion Bowers  
Sent: Tuesday, May 06, 2008 10:17 AM  
To: Harmony Hall; Tom Furgason

Cc: Jeff Connell; Tom Euler; Keith Pohs  
Subject: RE: Kim Beck--Save Santa Rita FOIA request

Harmony,

That's not a regulatory permit so I would not spend any more time on it.

Rion

-----  
Rion J. Bowers  
Senior Project Manager - Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
e-mail: rbowers@swca.com  
Phone: (520) 325-9194  
Fax: (520) 325-2033

From: Harmony Hall  
Sent: Tuesday, May 06, 2008 10:10 AM  
To: Rion Bowers; Tom Furgason  
Cc: Jeff Connell; Tom Euler; Keith Pohs  
Subject: RE: Kim Beck--Save Santa Rita FOIA request

Wasn't there a Decision Memo that Bev prepared to allow Rosemont to do the hydrogeologic drilling – the reason why the NOI was delayed? Do you think the woman from SSSR is referring to that document? Is that document posted on the CNF website? I just tried to check, and the FS website is down.

From: Rion Bowers  
Sent: Tuesday, May 06, 2008 7:52 AM  
To: Tom Furgason  
Cc: Jeff Connell; Tom Euler; Keith Pohs; Harmony Hall  
Subject: RE: Kim Beck--Save Santa Rita FOIA request

Tom,

I am assuming that they are referring to the portion of the project area that occurs on National Forest lands and not the private lands. The only authorized activity that I am aware of is the Plan of Operations for the geotechnical and hydrogeologic drilling program that Rosemont Copper Company is currently conducting at the site. These activities are approved by the Coronado National Forest under statutory authority, Title 36 of the Code of Federal Regulations, and Forest Service policy and direction. No permits from any local, state, or federal agency related to the proposed mining project have been issued on the public lands portion of the project area. As for the private lands, I am also unaware of any permits issued by any agency.

Rion

-----  
Rion J. Bowers  
Senior Project Manager - Environmental Planner  
SWCA Environmental Consultants  
343 West Franklin Street  
Tucson, Arizona 85701  
e-mail: [rbowers@swca.com](mailto:rbowers@swca.com)  
Phone: (520) 325-9194  
Fax: (520) 325-2033

From: Tom Furgason  
Sent: Tuesday, May 06, 2008 7:35 AM  
To: Rion Bowers  
Cc: Jeff Connell; Tom Euler; Keith Pohs; Harmony Hall  
Subject: FW: Kim Beck--Save Santa Rita FOIA request

Rion,

This is a bit confusing at first, but I think all we need to do is confirm that there is currently no list of permits issued to Rosemont as of yet. Is this correct?

Tom

From: Andrea W Campbell [<mailto:awcampbell@fs.fed.us>]  
Sent: Mon 5/5/2008 3:57 PM

To: Teresa Ann Ciapusci; Tom Furgason; beverson@fs.fed.us  
Cc: Jeanine Derby; Reta Laford  
Subject: Kim Beck--Save Santa Rita FOIA request

Folks,

I advised Bev that we should treat all requests for information in our files as FOIA requests.  
Thus, I assigned a number to this one and am asking for your assistance in responding.

We are not required under the FOIA to "create" a record where none exists.

Bev advised me that there she believes there is no "list" of permits issued and/or applications for such among our records.

I am writing to ask SWCA if they know if such a list exists and, if so, to provide it to me as a responsive record.

If not, I am inclined to make a no records determination on this request and ask our Regional FOIA Liaison to write to Ms Beck to provide her FOIA appeal rights.

Please let me know asap if you believe we have any records.

thanks.

a

(Embedded image moved to file: pic27907.jpg)

Andrea Wargo Campbell  
Forest NEPA  
Coordinator  
Forest FOIA Officer

Coronado National  
Forest  
Supervisor's Office  
300 West Congress  
Street  
Tucson, Arizona 85701

Phone: 520-388-8352  
Fax: 520-388-8305

Cell: 520-237-0694

----- Forwarded by Andrea W Campbell/R3/USDAFS on 05/05/2008 03:48 PM -----

Beverley A  
Everson/R3/USDAFS

05/02/2008 03:20  
PM

To  
Andrea W Campbell/R3/USDAFS@FSNOTES  
cc

Subject  
Fw: Request for information

Per our discussion earlier today. Bev

Beverley A. Everson  
ForestGeologist  
CoronadoNational Forest  
300 W. Congress Street, 6th Floor  
Tucson, AZ. 85701

Voice: 520-388-8428  
Fax: 520-388-8305

----- Forwarded by Beverley A Everson/R3/USDAFS on 05/02/2008 03:19 PM  
-----

<coyotes@cox.net>

05/02/2008 11:52  
AM

To  
beverson@fs.fed.us  
cc

Subject  
Request for information

Hi Beverly,

I would like to receive a list of all of the permits that have been issued to or applied for by August that allow them to explore/drill, etc. on any Forest Service land in and around Rosemont. Is this something that can be found on the Forest Service website since it should be public information? How quickly can we get this information from you?

Thank you for your attention to this matter.

Kim Beck  
Coordinator  
Save the Scenic Santa Ritas  
495-4339