



"Marcie Bidwell"  
<mbidwell@swca.com>  
07/15/2009 01:34 PM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
bcc  
Subject RE: Simulation task list~ is this what you are looking for?

Debby,

(b) (5) [Redacted]

(b) (5) [Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Marcie

---

**From:** Debby Kriegel [mailto:dkriegel@fs.fed.us]  
**Sent:** Wednesday, July 15, 2009 8:34 AM  
**To:** Marcie Bidwell  
**Cc:** Debby Kriegel  
**Subject:** Re: Simulation task list~ is this what you are looking for?

Marcie:

See my comments below in red and the attached document. Please call me if you want to discuss any of this.

(b) (5) [Redacted]



(b) (5)

[REDACTED]

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](http://www.swca.com) [attachment "Visual\_Resource\_Proposal\_2009-07-14 Review.pdf" deleted by Debby Kriegel/R3/USDAFS]



"Marcie Bidwell"  
<mbidwell@swca.com>  
03/08/2010 05:42 PM

To "Horst" <hjschor@jps.net>, "Debby Kriegel"  
<dkriegel@fs.fed.us>  
cc "Tom Furgason" <tfurgason@swca.com>, "Melissa  
Reichard" <mreichard@swca.com>  
bcc  
Subject RE: USFS Key Observation Points (KOPs) for Rosemont  
Copper Project

Hello Horst,

After our call, I asked our GIS folks to help package the KOPs in a CAD or PDF format for you. Stand by.

Additionally, here are two tools for understanding the viewsheds and screening.

**SH83 VS DZ Existing-notes.pdf** is a linear viewshed analysis for the Scenic 83 corridor that shows the landscape that is visible from the highway and screening areas as well. The Red, orange and yellow show different distance zones that are USFS standards for management for activities (detailed in the legend).

**Site Analysis.pdf** shows the main KOPs (all have new numbers now) and their viewshed directions. Additionally, I have shown the main screening areas as green.

Let me know if you have any questions.

Marcie

<<11204\_Site Analysis.pdf>> <<11204\_SH83\_VSb\_DZ\_Existing-notes.pdf>>

---

**From:** Marcie Bidwell  
**Sent:** Monday, March 08, 2010 4:40 PM  
**To:** 'Horst'; 'Debby Kriegel'  
**Cc:** Tom Furgason; Melissa Reichard  
**Subject:** USFS Key Observation Points (KOPs) for Rosemont Copper Project

Hello Horst,

Please find attached the shapefiles for the Key Observation Points (KOPs) for the Visual Analysis. These locations were chosen by the Forest Service as the best representation of views in the project area.

These are the KOPs that SWCA will be using to represent the typical views for the most sensitive viewers. The KOPs along Scenic Road 83 are the places with the "most visible" conditions for views of the storage areas and the pit (should it not be blocked from view by the storage areas).

Let me know if you have any questions regarding these locations.

Cheers,  
Marcie

<< File: UpdatedKOPs.zip >>

**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](http://www.swca.com) [attachment "11204\_Site Analysis.pdf" deleted by Debby Kriegel/R3/USDAFS]**

**[attachment "11204\_SH83\_VSb\_DZ\_Existing-notes.pdf" deleted by Debby**

**Kriegel/R3/USDAFS]**



"Marcie Bidwell"  
<mbidwell@swca.com>  
01/26/2010 03:17 PM

To "Kathy Arnold" <karnold@rosemontcopper.com>, "Debby Kriegel" <dkriegel@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>, "Keepers, Ashley"

cc

bcc

Subject Combined KOP list and Reference map

Hello All,

Please find attached the list of KOPs, in a table format that shows the previous naming convention from each list/set of KOPs (USFS, Tetra Tech) and the new naming convention. Please note that the two digit format was chosen to differentiate these KOPs from the way that either list used in the past (to keep a clue in the name as to which list the KOP will be).

This table has been updated to correctly list the original names; please replace the earlier file.

Also, I am attaching a map of the combined KOPs to serve as the master list.

In the next email, I will include the actual shapefiles for the GPS points.

Thank you,  
Marcie

**From:** Trent Reeder  
**Sent:** Tuesday, January 26, 2010 2:27 PM  
**To:** Marcie Bidwell  
**Subject:** KOP PL map

What do you think?[attachment "11204\_KOPs\_PL.pdf" deleted by Debby Kriegel/R3/USDAFS]  
[attachment "KOP Combined List\_2010-01-25.xls" deleted by Debby Kriegel/R3/USDAFS]



"Marcie Bidwell"  
<mbidwell@swca.com>  
04/23/2009 06:35 AM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
bcc  
Subject RE: Letter to RCC

History:  This message has been replied to.

Debby,

here ya go~ add or change if you wish  
Marcie

**From:** Debby Kriegel [mailto:dkriegel@fs.fed.us]  
**Sent:** Wed 4/22/2009 12:19 PM  
**To:** Marcie Bidwell  
**Subject:** Re: Letter to RCC

Rough assumptions:

1. I don't need animations, but do need a model that a viewer can move around in to determine KOPs, etc.
2. Up to 20 KOPs?!
3. There will likely be 3-5 alternatives (one of which I am optimistic that your work will lead to)

I don't need to see the costs, but undoubtedly Rosemont will want this info. I recommend you include at least 15% contingency for every work item.

Does this help?

"Marcie Bidwell" <mbidwell@swca.com>

04/22/2009 09:12 AM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
Subject Letter to RCC

Debby,

I know we had talked trying to prepare a budget to accompany this letter, and I am having a hard time doing so, just because of the range of effort that could go under the visual simulations- do you want animation or photos, how many KOPs, how many alternatives.

I can still set up the format like we discussed, but was curious if you were anticipating dollar amounts?

That would be hard to estimate at this moment with any feeling of clarity.

Let me know if you feel strongly,  
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) [attachment "Visual RCC scope\_estimate- 2009-04-22.xls" deleted by Debby Kriegel/R3/USDAFS]



"David Harris"  
<dharris@swca.com>  
08/13/2010 10:52 AM

To "Debby Kriegel" <dkriegel@fs.fed.us>, "Marcie Bidwell"  
<mbidwell@swca.com>  
cc  
bcc  
Subject RE: Rosemont working outline

(b) (5)

David Harris  
SWCA Environmental Consultants  
801-322-4307 (Office)  
801-230-8359 (Cell)

**From:** Debby Kriegel [mailto:dkriegel@fs.fed.us]  
**Sent:** Friday, August 13, 2010 11:38 AM  
**To:** David Harris; Marcie Bidwell  
**Subject:** Re: Rosemont working outline

(b) (5)

"David Harris" <dharris@swca.com>

08/12/2010 01:51 PM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc "Marcie Bidwell" <mbidwell@swca.com>  
Subject Rosemont working outline

Debby,

(b) (5)

David Harris  
SWCA Environmental Consultants

801-322-4307 (Office)

801-230-8359 (Cell)

[attachment "Rosemont EC Outline 8-12-10.docx" deleted by Debby Kriegel/R3/USDAFS]



"Marcie Bidwell"  
<mbidwell@swca.com>  
07/19/2010 10:46 AM

To "Melissa Reichard" <mreichard@swca.com>, "Terry Chute"  
<tjchute@msn.com>, "Beverley A Everson"  
<beverson@fs.fed.us>, "Tom Furgason"

cc

bcc

Subject RE: Friday's meeting notes with deadlines

Hello All,

I am sending updated meeting notes from Friday's Data Transfer Meeting with Tetra Tech and SWCA. The only update is that I included the table from Tetra Tech with handwritten updates as to what layers are still outstanding, who is responsible, and when they will be provided.

Thanks!  
Marcie

**From:** Melissa Reichard  
**Sent:** Monday, July 19, 2010 11:19 AM  
**To:** Terry Chute; Beverley A Everson; Tom Furgason; Debby Kriegel; Marcie Bidwell  
**Subject:** Friday's meeting notes with deadlines

All-  
Here are the meeting notes from Friday that include all the new deadlines for visual resources.

Thanks!

*Melissa Reichard*  
Project Administrator  
SWCA Environmental Consultants  
(520)325-9194 ofc. (520)250-6204 cell

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[attachment "Tt USFS Reclamation Mtg\_2010-07-16.pdf" deleted by Debby Kriegel/R3/USDAFS]



"Marcie Bidwell"  
<mbidwell@swca.com>  
04/16/2010 08:48 AM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
bcc  
Subject Data Gaps Request

Hello Debby,

(b) (5) [Redacted]

[Redacted]

Cheers,  
Marcie

<<Rosemont\_Data\_Gaps\_040810-04-13.docx>>

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](http://www.swca.com) [attachment "Rosemont\_Data\_Gaps\_040810-04-13.docx" deleted by Debby Kriegel/R3/USDAFS]



"Marcie Bidwell"  
<mbidwell@swca.com>  
05/19/2010 03:56 PM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc "Stephen Leslie" <sleslie@swca.com>  
bcc  
Subject Pit Draft

Hello Debby,

(b) (5)

Marcie

**From:** Chris Loftus [mailto:chris@loftuslandscapestudio.com]  
**Sent:** Monday, May 03, 2010 11:39 AM  
**To:** Marcie Bidwell  
**Subject:** Pit Draft

Hi Marcie.

Attached is a low-resolution draft of the pit colors. I'm still adding bench failures, some vegetation, and shadows, but you can address the colors from this draft. Are the hues/tones subtle enough? Too subtle? Overall brightness/contrast okay? I used the tones from the GIS key for the Quartz and Epitaph sections because I don't have examples.

Let me know your thoughts...

Thanks,

Chris Loftus, RLA, ASLA  
Loftus Landscape Studio  
landscape architecture | sustainable site strategies  
970.903.2930 | [www.loftuslandscapestudio.com](http://www.loftuslandscapestudio.com)  
[attachment "KOP2-Pit-Colors.jpg" deleted by Debby Kriegel/R3/USDAFS]

Debby Kriegel/R3/USDAFS  
05/10/2010 12:52 PM

To "Marcie Bidwell" <mbidwell@swca.com>  
cc Debby Kriegel/R3/USDAFS@FSNOTES  
bcc  
Subject Re: Visual Scope, reviewed and ready for approval. 

Marcie,

(b) (5)  


The snow on the Santa Ritas has now melted, so taking KOP photos from Tucson can happen any time. In the mean time, our Forest Supervisor has decided that the Sycamore/Barrel alternative is not moving forward, but I recommend that you or Johnathan go ahead and take the photos anyway. Our Forest Supervisor has announced that she is retiring next month, and who knows what the next forest supervisor might want. Also, it's possible that the public will demand this alternative return to analysis and/or want to see that we took views from Tucson seriously (potentially a photo could be included in your specialist report). Pick a clear day. It's been windy a lot lately and the air quality has been bad.

The reclamation meeting on Monday (May 17) starts at 9:00 am. When does your flight arrive? On Tuesday I have a dental appt. at 2:15, but could work with you all morning. Wednesday, I'm normally tied up in Rosemont IDT meetings.

Thanks.

Debby



Scope\_Visual\_Resources\_2010\_04\_30\_DK\_Comments.doc

"Marcie Bidwell" <mbidwell@swca.com>



"Marcie Bidwell"  
<mbidwell@swca.com>  
05/10/2010 08:15 AM

To "Debby Kriegel" <dkriegel@fs.fed.us>, "Tom Furgason" <tfurgason@swca.com>  
cc "Jonathan Rigg" <jrigg@swca.com>, "Melissa Reichard" <mreichard@swca.com>, "Dale Ortman PE" <daleortmanpe@live.com>  
Subject Visual Scope, reviewed and ready for approval.



Hello Debby,

Please find attached the Visual Scope with a few edits to it. Basically, we made sure that the number of KOPs and data set assumptions matched with the level of effort that was agreed upon with Jamie in January (i.e. middle cost estimate). I believe that this version is now ready for your approval.

Also, I have booked flights to Tucson for the Reclamation Technology Transfer meeting on May 17th; to be conservative, I booked my flights to be in Tucson for May 17-19, as I had not heard a final schedule. In communicating with Dale, it appears that the meeting is still considered to be one day; that would give you and I at least Tuesday to work together, and I can either work from the Tucson office on Weds or try to fly standby to return earlier.

I do not consider the Reclamation Transfer meeting to be in this visual budget, and will pursue arrangements with Tom/Dale for the time.

Finally, I am preparing a Project Update, several maps and image drafts for you to review, either prior to this meeting or as a part of that trip to Tucson. I should have these to you shortly.

More to follow,  
Marcie

<<Scope-Visual Resources\_2010-04-30.doc>>

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](http://www.swca.com) [attachment "Scope-Visual Resources\_2010-04-30.doc" deleted by Debby Kriegel/R3/USDAFS]



"Trent Reeder"  
<treeder@swca.com>  
06/30/2010 09:00 AM

To "Marcie Bidwell" <mbidwell@swca.com>, "Debby Kriegel"  
<dkriegel@fs.fed.us>, "Tom Furgason"  
<tfurgason@swca.com>, "Jonathan Rigg"  
cc  
bcc

Subject RE: Box Canyon Road assessment

History:

 This message has been replied to.

Here are two viewshed images from the Box Canyon road south of the project area . Viewable areas are in red. The first one is a viewshed analysis from TT's current KOP8 location. Second image depicts a linear viewshed from a segment of the Box Canyon road (blue line). Results from the linear viewshed analysis can be a little misleading because of the overlap of viewsheds from the line. I shorten the analysis segment of Box Canyon road to an area where I believe would reveal more of the MPO. The current location of KOP 8 is in a low drainage with terrain upslope on both sides. As you move towards the west along the road, it opens up into more of a "bowl". Once at the intersection of Rd 231 and Box Canyon, the MPO Waste Rock southern slope would be quite visible. The last attachment depicts the shorter Box Canyon segment in blue and the viewshed results of this segment.

The green dot represents an approximate location where TT took the KOP 8 photos. I was able to locate this photo point by comparing both KOP 8 and KOP 3 panoramas, for which segments of each panorama overlap. In addition, I compared visible vegetation patterns/densities using aerial images along with matching terrain characteristics between the panoramas and 3D generated surfaces.

Marcie mentioned that she took some photos along the Box Canyon road for which I will do some research to see if I can match those photos to some earlier GPS point data. If I can find a match, perhaps this will replace the current KOP 8 location. I will keep you updated on my progress.

Trent

<<TT KOP 8 Viewshed.pdf>> <<Box Canyon Road Viewshed.pdf>> <<Box Canyon Road Viewshed\_b.pdf>> \_\_\_\_\_

**From:** Marcie Bidwell

**Sent:** Friday, June 25, 2010 12:40 PM

**To:** Trent Reeder; Debby Kriegel; Debby Kriegel; Tom Furgason; Jonathan Rigg

**Subject:** Box Canyon Road assessment

Trent,

I talked with Debby regarding the Box Canyon Road KOP and its alignment issues (that the Tt GPS point and Tt photos do not align for Box Canyon).

We thought that if you did a linear viewshed analysis, we could determine if there is a point on the road that will have open views, or not; then we can assess if its important to have a field person retake those photographs.

Does that seem reasonable? Use a footprint that would be closer to the southern boundary (MPO, Upper Barrel) if you can.

Thanks!  
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](http://www.swca.com)[attachment "TT KOP 8 Viewshed.pdf" deleted by Debby Kriegel/R3/USDAFS] [attachment "Box Canyon Road Viewshed.pdf" deleted by Debby Kriegel/R3/USDAFS] [attachment "Box Canyon Road Viewshed b.pdf" deleted by Debby Kriegel/R3/USDAFS]

Debby Kriegel/R3/USDAFS  
02/22/2010 09:29 AM

To "Dale Ortman PE" <daleortmanpe@live.com>, "Marcie Bidwell" <mbidwell@swca.com>, jrigg@swca.com  
cc "Tom Furgason" <tfurgason@swca.com>, Debby Kriegel/R3/USDAFS@FSNOTES  
bcc

Subject Re: Pit Wall Safety Benches - Potential Visual Mitigation

History: This message has been forwarded.

Dale: This is great. I appreciate you providing these ideas/options. Do you have a recommendation for how to get a review and initial input from Rosemont?

Marcie: I assume that you will be simulating the MPO's 50-foot lifts. It would be very helpful to have simulations (even rough ones), at least for double benching and randomized benching, in order to help us compare these options and determine which would mitigate visual impacts best. Can you do this?

Jonathan: Please add the following wording to the mitigation table item #15.3.3/238 as follows:

- Treat upper portions of the pit wall that are visible from Highway 83, the Arizona Trail, and other Concern Level 1 travelways and residential areas within 5 miles of the pit by (1) reducing the visual impact of horizontal safety benches by reducing the number of benches (double benching), placing benches in a randomized pattern, or similar, and (2) applying Permeon or similar to darken rock to match weathered rock on the ridge at the conclusion of operations. Verify that selected treatment will not create water quality problems. Review treatment at least every 5 years and adjust as needed to protect visual quality. If possible, plant vegetation on broken ledges on visible parts of pit wall.

Thanks.

"Dale Ortman PE" <daleortmanpe@live.com>



"Dale Ortman PE"  
<daleortmanpe@live.com>  
02/19/2010 12:06 PM

To "Debby Kriegel" <dkriegel@fs.fed.us>, "Marcie Bidwell" <mbidwell@swca.com>  
cc "Tom Furgason" <tfurgason@swca.com>, "Melissa Reichard" <mreichard@swca.com>  
Subject Pit Wall Safety Benches - Potential Visual Mitigation

Debby & Marcie,

Attached is a memo presenting several potential mitigation options for the safety benches on the upper pit wall.

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](mailto:daleortmanpe@live.com)

PO Box 1233  
Oracle, AZ 85623

[attachment "20100219\_ortman\_kriegel-bidwell\_pitbenchmit\_memo.pdf" deleted by Debby Kriegel/R3/USDAFS]



"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

bcc

Subject Rosemont Mine- visual report update

History: This message has been forwarded.

Debby,

Great working together today~ as we discussed, (b) (5)

[Redacted]

[Redacted]

[Redacted]

[Redacted]

(b) (5)  
[Redacted]

[Redacted]

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.

(b) (5)  
[Redacted]

[Redacted]

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!

(b) (5) [Redacted]

[Redacted]

- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

Debby Kriegel, RLA  
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]



"Marcie Bidwell"  
<mbidwell@swca.com>  
07/26/2010 12:12 PM

To "Debby Kriegel" <dkriegel@fs.fed.us>, "David Harris"  
<dharris@swca.com>  
cc "Tom Furgason" <tfurgason@swca.com>, "Jonathan Rigg"  
<jrigg@swca.com>  
bcc

Subject AE for your review

History: This message has been forwarded.

Hello Debby,

(b) (5)

Happy reading, call if you would like to discuss anything.  
Marcie

<<Rosemont Ch 3\_Draft AE\_2010-07-26.doc>>

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[attachment "Rosemont Ch 3\_Draft AE\_2010-07-26.doc" deleted by Debby Kriegel/R3/USDAFS]

questions/concerns. Have a great weekend.....Terry

**From:** Debby Kriegel

**Sent:** Tuesday, July 27, 2010 1:16 PM

**To:** Ruth Doyle ; tjchute@msn.com

**Cc:** Debby Kriegel

**Subject:** Rosemont DEIS - Visual Quality - Affected Environment Review

(b) (5)



Thanks.

----- Forwarded by Debby Kriegel/R3/USDAFS on 07/27/2010 12:08 PM -----

"Marcie Bidwell" <[mbidwell@swca.com](mailto:mbidwell@swca.com)>

To "Marcie Bidwell" <[mbidwell@swca.com](mailto:mbidwell@swca.com)>, "Debby Kriegel" <[dkriegel@fs.fed.us](mailto:dkriegel@fs.fed.us)>, "David Harris" <[dharris@swca.com](mailto:dharris@swca.com)>

07/26/2010 04:07 PM

cc  
Subj Figures and updated text  
ect

Hello Debby,

Here are the figures and an updated document.

I think you are right that perhaps you should review it and then have RO review it, rather than do them simultaneously. This would still keep the RO review moving, and more likely make sure that you approve of the product before it goes to them.

<<Figures\_draft 2010-07-26.pdf>> <<Rosemont Ch 3\_Draft AE\_2010-07-26.doc>>

Eventually, when this goes to editing, the figures will be inserted in the text as part of 3.9 or as an appendix.

I can discuss this with you tomorrow, how about 1:00 AZ time?

Thank you,  
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[attachment "Rosemont Ch 3\_Draft AE\_2010-07-26.doc" deleted by Debby Kriegel/R3/USDAFS] [attachment "Rosemont\_Ch\_3\_Draft\_EA\_2010\_07\_30\_Chute edits.doc" deleted by Debby Kriegel/R3/USDAFS]**

Debby Kriegel/R3/USDAFS  
06/28/2010 10:06 AM

To "Marcie Bidwell" <mbidwell@swca.com>  
cc Debby Kriegel/R3/USDAFS@FSNOTES  
bcc  
Subject Re: Review of Draft Simulation - MPO 10YR KOP 2 

Marcie,

(b) (5) 



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)

"Marcie Bidwell" <mbidwell@swca.com>



"Marcie Bidwell"  
<mbidwell@swca.com>  
06/25/2010 11:40 AM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
Subject Review of MPO 10YR KOP 2

Debby,

Please review and let me know your thoughts~

Thanks!

Marcie

<<Alt2\_KOP2\_Year10\_100602.jpg>>

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](http://www.swca.com) [attachment "Alt2\_KOP2\_Year10\_100602.jpg" deleted by Debby Kriegel/R3/USDAFS]



"Tom Furgason"  
<tfurgason@swca.com>  
11/10/2009 04:00 PM

To "Beverley A Everson" <beverson@fs.fed.us>  
cc "Melinda D Roth" <mroth@fs.fed.us>, "Salek Shafiqullah"  
<sshafiqullah@fs.fed.us>, "Debby Kriegel"  
<dkriegel@fs.fed.us>, "Dale Ortman PE"  
bcc  
Subject FW: Golder Involvement

Bev and Salek,

I asked Dale to start looking around at a variety of consultants that could possibly assist us with the issues surrounding stormwater management and land-forming. Dale recommended that we speak with George Annandale, an engineer with substantial experience with scouring and sediment transport. His firm, Hydrosystems Inc., was recently acquired by Golder Associates. I'd like to recommend that the Coronado consider talking to Dr. Annandale regarding his participation in the Rosemont Project. His engineering expertise and resume (along with a lot of peer reviewed publications) will bring a great deal of credibility to the team. I envision George working directly with Horst and Rosemont's Engineers to solve the issues surrounding stormwater management.

Would you please review the attached resume and let me know if the Coronado considers him to be qualified. I'd like your confirmation prior to seriously engaging Dr. Annandale in any discussions. Also, the portion of the analysis that we'll need him on is critical path and I want to get moving on this ASAP. Please note that I copied Jamie Sturgess on this email so that I can get a concurrent review from the company.

Golder Associates previously declined to submit a Statement of Qualifications to be considered for the Rosemont Project; however, Dale seems to have made some headway with getting Golder on board.

Tom

**From:** Dale Ortman PE [mailto:daleortmanpe@live.com]  
**Sent:** Tuesday, November 10, 2009 3:27 PM  
**To:** Tom Furgason  
**Subject:** Golder Involvement

Tom,

Dave Kidd with Golder here in Tucson is on board with the possible project. George Annandale and I have had email exchanges as he heads home from India via London; he should be back in Denver on the 14<sup>th</sup> and we'll get together. Attached is George's resume.

Dale

---

Dale Ortman PE PLLC  
Consulting Engineer

(520) 896-2404 - Arizona Office  
(520) 449-7307 - Mobile  
(435) 682-2777 - Utah Office

[daleortmanpe@live.com](mailto:daleortmanpe@live.com)

PO Box 1233

Oracle, AZ 85623

[attachment "George Annandale - Resume.pdf" deleted by Debby Kriegel/R3/USDAFS]



"Tom Furgason"  
<tfurgason@swca.com>  
12/02/2009 08:31 AM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc "Beverley A Everson" <beverson@fs.fed.us>, "Melinda D  
Roth" <mroth@fs.fed.us>  
bcc

Subject RE: FW: Rosemont Landforming Assessment Proposal

History:  This message has been forwarded.

Feel free to send it to Horst if the Coronado is satisfied.

Tom

---

**From:** Debby Kriegel [mailto:dkriegel@fs.fed.us]  
**Sent:** Wednesday, December 02, 2009 7:22 AM  
**To:** Tom Furgason  
**Cc:** Beverley A Everson; Melinda D Roth  
**Subject:** Re: FW: Rosemont Landforming Assessment Proposal

I'd like to share this scope of work with Horst. Can I send this version to him? Or should I wait until everyone has reviewed it and revisions made? Please let me know. Thanks.

"Tom Furgason"  
<tfurgason@swca.com>

12/01/2009 05:03 PM

To<beverson@fs.fed.us>, "Melinda D Roth" <mroth@fs.fed.us>, "Debby Kriegel"  
<dkriegel@fs.fed.us>  
cc<rlaford@fs.fed.us>, <jsturgess@augustaresource.com>, "Dale Ortman "  
<daleortmanpe@live.com>  
SubjecFW: Rosemont Landforming Assessment Proposal  
t

Bev,

Attached is Golder's SOW for your consideration. Please let me know ASAP if you feel that George missed anything. I have forwarded a copy with the costs to Rosemont for their consideration.

Tom

---

**From:** Kelley Cox  
**Sent:** Tuesday, December 01, 2009 4:51 PM

**To:** Tom Furgason  
**Subject:** FW: Rosemont Landforming Assessment Proposal

For you -

*Kelley Cox*  
Senior Administrator  
SWCA Environmental Consultants  
343 W. Franklin Street  
Tucson, Arizona 85701  
Phone: 520-325-9194 Fax: 520-325-2033  
[www.swca.com](http://www.swca.com)  
Sound Science, Creative Solutions.®

**From:** Tom Furgason  
**Sent:** Tuesday, December 01, 2009 4:28 PM  
**To:** Kelley Cox  
**Subject:** FW: Rosemont Landforming Assessment Proposal

Kelley,

Can you please delete the last sheet and black out the cost estimate on Page 2? Thanks.

Tom

**From:** Annandale, George [mailto:George\_Annandale@golder.com]  
**Sent:** Monday, November 30, 2009 4:26 PM  
**To:** Tom Furgason  
**Cc:** Dale Ortman PE; Kidd, Dave; Melissa Reichard  
**Subject:** Rosemont Landforming Assessment Proposal

Tom

Please find attached the proposal for the landforming assessment.

I will appreciate it if you can let me know whether the client approved so that we can commence with the work.

Sincerely,

**George W. Annandale, D.Ing., P.E. | Practice / Program Leader | Golder Associates Inc.**  
**44 Union Blvd, Suite 300, Lakewood, Colorado, USA 80228**  
**T: +1 (303) 980-0540 | D: +1-720-920-4612 | F: +1 (303) 985-2080 | C: +1 (720) 244-3865 | E:**  
**george\_annandale@golder.com | www.golder.com**

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Please consider the environment before printing this email.

[attachment "09381962 Ltr RosemontMinePropVer1RevB 30NOV09.pdf" deleted by Debby Kriegel/R3/USDAFS]



Beverley A  
Everson/R3/USDAFS  
06/29/2010 03:55 PM

To George McKay/R3/USDAFS@FSNOTES  
cc abelauskas@fs.fed.us, aelek@fs.fed.us, cablair@fs.fed.us, ccleblanc@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, hschewel@fs.fed.us,  
bcc  
Subject Re: Barrel-Only Landform

Dale, Tom and Jonathan,

(b) (5)

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

George  
McKay/R3/USD  
AFS  
06/29/2010  
03:21 PM

To Beverley A Everson/R3/USDAFS@FSNOTES  
cc abelauskas@fs.fed.us, aelek@fs.fed.us, cablair@fs.fed.us, ccleblanc@fs.fed.us, dkriegel@fs.fed.us, dsebesta@fs.fed.us, ecuriel@fs.fed.us, hschewel@fs.fed.us, Jeremy J Sautter/R3/USDAFS@FSNOTES, Kendall Brown/R3/USDAFS@FSNOTES, ljones02@fs.fed.us, Melinda D Roth/R3/USDAFS@FSNOTES, mfarrell@fs.fed.us, mreichard@swca.com, rtaford@fs.fed.us, rtefevre@fs.fed.us, seanlockwood@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 Re: Barrel-Only Landform [Link](#)

(b) (5)  
(b) (5)

Beverley A  
Everson/R3/US  
DAFS  
06/29/2010  
02:40 PM

To abelauskas@fs.fed.us, aelek@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, Kendall Brown/R3/USDAFS@FSNOTES, ljones02@fs.fed.us, Melinda D Roth/R3/USDAFS@FSNOTES, mfarrell@fs.fed.us, mreichard@swca.com, rtaford@fs.fed.us, rtefevre@fs.fed.us, seanlockwood@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, Jeremy J

Sautter/R3/USDAFS@FSNOTES

cc  
Subjec Barrel-Only Landform  
t

(b) (5)

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 02:38 PM -----

"Dale Ortman PE"  
<daleortmanpe@live.com>

To "Debby Kriegel" <dkriegel@fs.fed.us>, "Salek Shafiqullah" <sshafiqullah@fs.fed.us>, <mbidwell@swca.com>, "Kathy Arnold" <karnold@rosemontcopper.com>, <fsamorano@rosemontcopper.com>, "Krizek, David" <David.Krizek@tetrattech.com>

06/27/2010 07:02 PM

cc "Beverley A Everson" <beverson@fs.fed.us>, <tfurgason@swca.com>, "Jonathan Rigg" <jrigg@swca.com>, "Melissa Reichard" <mreichard@swca.com>

Subjec Barrel-Only Landform  
t

All,

Attached is the latest landform topography developed by Rosemont for the Barrel-Only landform alternative. This landform has been developed through the joint efforts of the CNF, SWCA, Rosemont, and TetraTech and incorporates the following elements:

- Extension of the Upper Barrel drainage within the landform
- Multiple ridge landforms with differing elevations
- Potential for variable slopes on eastern flanks of the landform
- Potential for reduction in number of drainage control benches on eastern flank of landform
- Improved stormwater discharge control utilizing the extension of the Upper Barrel drainage
- Maintain overall 3:1 slopes with drainage benches on west side of landform to provide required storage capacity and maintain tailings placement operations

- Maintain waste rock perimeter buttress surrounding tailings
- Maintain encapsulation of the heap leach facility

The team has done an excellent job in the collaborative effort to develop this landform concept. I believe we have reached a point in the process where the landform concept should be turned over to Rosemont for final engineering development as the Barrel-Only Alternative for consideration in the DEIS. I recommend that, in addition to the general design objectives listed above, Rosemont develop the following during the final engineering:

- Confirm constructability of the landform
- Summarize the concurrent & final reclamation plan
- General layout of rock sub-drains & flow-through drains
- General stormwater control plan, including commitment to the design criteria currently in the Site Water Management Plan Update

In addition, I propose that we not meet on June 30<sup>th</sup> as currently scheduled but the team review the attached landform and provide any additional design objectives for Rosemont to include in the final engineering. Please get back to me ASAP with comments and any design objectives you believe should be included in the final design.

If you have any questions please email me or try the Utah phone listed below.

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](mailto:daleortmanpe@live.com)

PO Box 1233  
Oracle, AZ 85623

[attachment "Prelim Barrel\_Proposed Survey Area.pdf" deleted by George McKay/R3/USDAFS]

Debby Kriegel/R3/USDAFS  
01/22/2010 03:33 PM

To "Marcie Bidwell" <mbidwell@swca.com>  
cc Debby Kriegel/R3/USDAFS@FSNOTES  
bcc  
Subject RE: Rosemont - Scope of work for Recreation 

1. Yes, I like your idea of putting all alternatives on a map and seeing if there really is just 1 AZ trail KOP that works for all. Can you proceed with this and let me know what you find? I agree with you that KOP 6 might be good.
2. I guess we'll have to live with sims at year 10 and year 20+. This might be ok. If there are effects in other years, hopefully we can identify and describe them. The buttness would be one of these. Another would be that white tailings will be visible from highpoints along 83 and AZ trail in the early years until the outer shell is higher than viewers. We can't simulate everything...
3. I am not aware of any ADOT road siting meetings. Do they have a date scheduled? Do you think that you or I should attend? EPG is doing a site visit on Monday, but obviously neither of us will be attending that one.
4. Good to know.

"Marcie Bidwell" <mbidwell@swca.com>



"Marcie Bidwell"  
<mbidwell@swca.com>  
01/22/2010 02:32 PM

To "Debby Kriegel" <dkriegel@fs.fed.us>, "Trent Reeder"  
<treeder@swca.com>  
cc "Tom Furgason" <tfurgason@swca.com>  
Subject RE: Rosemont - Scope of work for Recreation

Debby,

I forgot to mention a few things:

**1. RCC/TT also asked that we finalize which KOP we will be using for the Arizona Trail simulations point.**

I find this one tricky to pick, considering (1) different points will be more important to different alternatives and (2) there is talk of rerouting the trail to avoid the mine works and that location has not been determined. So the KOP needs to be (1) somewhere that has representative views of (2) a section that will remain where it is.

You and I collected 4 points for the trail- three that we hiked to from one spot, and one that we drove to along the Rosemont access road. I will send a KOP map in the next email. The following KOPS are:

**KOP 5- (Preferred by RCC, could work)** Furthest south on the trail that we photographed that day. The pano looks weird cause we took 360 of photographs. Tom was thinking that this section of the trail is most likely to stay where it is, and the reroute would happen further north from here. I cannot confirm that, cause I have not put any thought into rerouting of the trail yet. But sounds like sound logic. Not my favorite panorama photogprahy, but it works if this is the one.

**KOP 6- (could work well)** Further north, along the trail, full panorama includes from south to north, but the mine would be largely to the west (middle of the pano). This may still be far enough away

to see views around the pile but I am not sure.....

**KOP 7-** (may be too close and relocated from here) Furthest north on this part of our hike, possibly under the pile or at least near the edge of the pile (i.e. part of the trail that would move) but I need Trent to confirm. I cant tell on this map very clearly.

**KOP 13-** (probably too close to make sense in a simulation, all you would see is mine) We drove in from Rosemont access at mm 44 and then walked a few hundred yards- this spot would be within a few hundred yards of the toe of the slope. This will be so close to the mine that the pile will be all you see. on the left side of the page.

To know where the trail would possibly move, I would think we would want to see all of the alternatives laid onto one map, and then see if there is a logical response that would work for all alternatives. In doing some rough measurements, currently the trail makes several loops to-and-away from the tails- at the longest loop away being 1 mile.

- Box Canyon Road - MPO = .5 miles approx.
- Along MPO, with breaks away from it = 5 miles approx.
- Northern extents of MPO buries trail = .25 miles approx.
- North of MPO to FS Boundary = 4.5 miles approx.

**2. Phasing for Simulations: For new alternatives, RCC will not have contour data for three phases for simulations; they will have 10 yr and final (20 yr). They should complete yr 20 this week.**

The USFS is required to use "best available data" for analysis, and to consider short-term and long-term impacts. In talking with Tom, I am still a little fuzzy as to what short-term has been defined as, but I think its safe to say that its somewhere between 1-5 years (early construction, breaking ground) and then long-term is everything after that.

RCC is developing two phases of engineered drawings, regardless of what alternative- 10 yr and 20 yr. No inbetween engineering will be available for the new alternatives. So the visual analysis will not be able to do "in between years" for simulations, or to "pick the worst case scenario year" before or after the berm is completed.

Additionally, the "berm" is thought that it will not be finished in the same year for each alternative, and that the completion date is more like yr 7 rather than yr 5 as it was originally thought.

### **3. Future meetings? ADOT or Transmission?**

Kathy invited Tom and I to attend future meetings with you (or if you cant attend)- I think she mentioned:

- ADOT, for siting of the entrance road and SR 83 intersection. Sounds like this might end up being near MM46- the picnic table turn out?
- Transmission siting with EPG- (this one may be a figment of my imagination, unless it sounds familiar to you)?

**4. Rosemont's "proposed fenceline"- is a typo.** What is labeled the fenceline on the viewshed maps is actually the "project boundary", or zone of influence, or what ever else that they are calling it.

~~~~~  
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

[attachment "KOP\_13\_Panorama.pdf" deleted by Debby Kriegel/R3/USDAFS] [attachment "KOP\_05\_Panorama.pdf" deleted by Debby Kriegel/R3/USDAFS] [attachment "KOP\_06\_Panorama.pdf" deleted by Debby Kriegel/R3/USDAFS] [attachment "KOP\_07\_Panorama.pdf" deleted by Debby Kriegel/R3/USDAFS]



"Stephen Leslie"  
<sleslie@swca.com>  
03/25/2009 10:59 AM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
bcc  
Subject RE: Rosemont - Recreation Issue Statements

Debby

(b) (5)

Thanks,  
Steve

**From:** Debby Kriegel [mailto:dkriegel@fs.fed.us]  
**Sent:** Tuesday, March 24, 2009 3:58 PM  
**To:** Stephen Leslie  
**Cc:** Debby Kriegel  
**Subject:** Rosemont - Recreation Issue Statements

(b) (5)

[attachment "Cause and Effect Worksheet\_56\_Recreation.sol.doc" deleted by Debby Kriegel/R3/USDAFS]

Debby Kriegel/R3/USDAFS  
08/12/2010 01:25 PM

To "Marcie Bidwell" <mbidwell@swca.com>, dharris@swca.com  
cc Debby Kriegel/R3/USDAFS@FSNOTES  
bcc  
Subject Re: Update on Visual Section and Progress

Thanks for the update! My comments are below in red.

Also, I was at the site with Jeff Fehmi this morning looking at the test plots. I am now convinced that the Arkose rock is a medium reddish-brown and the Gila Conglomerate is not terribly light-colored, so your simulation colors are fine (you already knew that, it just took me some time to convince myself!). I have photos if you're interested.

"Marcie Bidwell" <mbidwell@swca.com>



"Marcie Bidwell"  
<mbidwell@swca.com>  
08/12/2010 09:54 AM

To "Debby Kriegel" <dkriegel@fs.fed.us>, "David Harris" <dharris@swca.com>  
cc "Tom Furgason" <tfurgason@swca.com>, "Jonathan Rigg" <jrigg@swca.com>  
Subject Update on Visual Section and Progress

Hello David and Debby,

(b) (5)  
[Redacted text block]

[Redacted text block]

[Redacted text block]

[Redacted text block]

(b) (5)

[Redacted]

[Redacted]

Thank you,

Marcie

<<KOP\_2\_SCH\_20YR.jpg>>

---

**From:** Marcie Bidwell  
**Sent:** Monday, August 09, 2010 12:07 AM  
**To:** Tom Furgason; Jonathan Rigg; Melissa Reichard  
**Cc:** David Harris; Trent Reeder; Tom Yoder  
**Subject:** Update on Visual Section and Progress

Hello Tom, Melissa, and Jonathan,

(b) (5)

[Redacted]

[Redacted]

(b) (5) [Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

(b) (5)

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Hope you had a good weekend,

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](http://www.swca.com)[attachment "KOP\_2\_SCH\_20YR.jpg" deleted by Debby Kriegel/R3/USDAFS]**

"Marcie Bidwell" <mbidwell@swca.com>

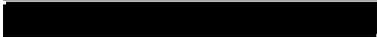
06/15/2009 11:55 AM

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.

(b) (5)



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

(b) (5)



Thanks

<<visual\_miles.pdf>>

---

**From:** Marcie Bidwell

Debby Kriegel/R3/USDAFS  
07/15/2009 07:34 AM

To "Marcie Bidwell" <mbidwell@swca.com>  
cc Debby Kriegel/R3/USDAFS@FSNOTES  
bcc  
Subject Re: Simulation task list~ is this what you are looking for? 

Marcie:

(b) (5)

Thanks!

Debby

"Marcie Bidwell" <mbidwell@swca.com>



"Marcie Bidwell"  
<mbidwell@swca.com>  
07/14/2009 10:23 AM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
Subject Simulation task list~ is this what you are looking for?

Debbie,

can you give this a quick review and let me know if this is what you are looking for~ in table below. Please edit if you want and send back. I will submit to Charles and Tom to resubmit to you, Bev, and Reta.

Also, I am attaching the list of actions that we reviewed this morning (whats funded, not funded, simulation request)

**Bold- Simulation request**

*Italics- underway as Alternative Development*

Plain- not funded, not included

<<Visual\_Resource\_Proposal\_2009-07-14 Review.pdf>>

Task 1. Consultation with USFS and Rosemont to Select Simulations and Phases  
(Note: consulting with Rosemont should help them understand why we selected the simulation points and phases, but the USFS needs to have the final say)

*Review all KOPs established by the USFS and select-5 (Estimated = 28. See the attached document.) key observation points (KOPs) to propose to USFS for simulations.*

*Prepare and review "existing conditions" panoramas for potential KOP simulations. Select-a-phases*

to represent for each KOP in addition to Reclamation (i.e. construction at 5 years, etc).

Meet with USFS and RCC (including Sage/Tetrattech reclamation team) to review data, KOP selection and "photo realistic" process.

### Task 2. 3D Surface and Scene construction

Collect necessary (typo) data and generate 3-D digital surfaces for the MPO at each construction phase selected for simulations. This step will include researching what the pit will look like and generating 3D plant facilities if needed.

Create one set of 3-D GIS Arc Globe working maps and diagrams Construct 3-D working diagrams for RCC and USFS to review potential scenes from each KOP to be selected.

Review with USFS and RCC for proposed simulations (i.e. does the KOP portray a scene which is representative of desired viewshed and phase of construction for visual analysis.

### Task 3. Visual Simulations Construction and Review with USFS/RCC

Create photo-realistic computer simulations of MPO for 5-KOPs and 2-phases for each KOP. Each simulation will show waste rock and tailing pile forms, pit, roads, and infrastructure.

Prepare photorealistic simulation images for 5 KOPs.

Review draft simulations with resources specialists from RCC, USFS, and SWCA to direct specific aspects of renderings: reclamation, soils, vegetation, etc.

Complete a Draft review with USFS and RCC staff at meeting in Tucson.

(b) (5)

[REDACTED]



Simulation\_Strategy.doc

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](http://www.swca.com) [attachment "Visual\_Resource\_Proposal\_2009-07-14 Review.pdf" deleted by Debby Kriegel/R3/USDAFS]



"Marcie Bidwell"  
<mbidwell@swca.com>  
03/25/2009 02:35 PM

To "Debby Kriegel" <dkriegel@fs.fed.us>  
cc  
bcc  
Subject RE: Visual Resource Strategy

Debby,

Thanks for the email~ I need to say that we are having email issues and if I do not respond it may very well be because we are *selectively* not receiving emails. So I apologize, and ask that if I do not seem to respond by email to let me know. Then I can call IT again to fix the problems.

(b) (5)

I look forward to catching up!

Thanks for checking in,  
Marcie

**From:** Debby Kriegel [mailto:dkriegel@fs.fed.us]  
**Sent:** Wednesday, March 25, 2009 10:59 AM  
**To:** Marcie Bidwell  
**Subject:** Visual Resource Strategy

Marcie: Were you going to send me the revised strategy spreadsheet? Or are you still working on it? Send it whenever it's ready for my review. Thanks! Debby[attachment "Visual\_Resource\_Proposal\_2009-03-19.xls" deleted by Debby Kriegel/R3/USDAFS]