

**SECURE RURAL SCHOOLS AND COMMUNITY SELF-DETERMINATION ACT OF 2000
PUBLIC LAW 110-343**

**TITLE II PROJECT SUBMISSION FORM
UINTA-WASATCH-CACHE NATIONAL FOREST ADVISORY COMMITTEE**

Project Number (Assigned by Designated Federal Official):	
--	--

1. Fiscal Year(s) You are Requesting Funds (Check One or Both)	2016	<input checked="" type="checkbox"/>	2017	<input checked="" type="checkbox"/>
---	-------------	-------------------------------------	-------------	-------------------------------------

2. Project Name	Sundance Alliance Against Weeds & WOW16, (War On Weeds 2016)	3. County(s)	Utah
4. Project Sponsor	Uinta-Wasatch-Cache (U-W-C) National Forest Pleasant Grove Ranger District	5. Date	08-02-2016
6. Sponsor's Phone Number	801-796-4883 and 801-796-4881	7. Sponsors E-mail	jleinbach@fs.fed.us and pgauchay@fs.fed.us Paul Gauchay Acting District Ranger
8. Sponsor's Mailing Address	390 North 100 East, Pleasant Grove, UT 84062		

9. Forest Service Person Familiar With Project	Jana Leinbach 801-796-4883
---	----------------------------

10. Title II Funds Requested	11. Partner Contribution	12. Total Project Costs
\$11,684	\$37,780 Partners, (Utah County, Sundance Ski Resort & Sundance Private Landowners, etc.) \$9,200 Volunteers \$13,641 Forest Service **Total funds from an UDAF ISM Grant for Sundance = \$20,000 to \$30,000 and this will include chemical, seed, and labor. **NOTE: The Partner Contributions total does not yet include additional potential partner Contributions – to be determined, UDOT, Aspen Grove.	\$72,305 - \$102,305 **NOTE: The total does not yet include additional potential partner Contributions – to be determined, UDOT, Aspen Grove.

13. Project Start Date:	June 2017	Project End Date:	November 2017
--------------------------------	-----------	--------------------------	---------------

14. Project Location [Sec. 203(b)(1)] (Legal description, road #'s, watershed, land ownership.)
Noxious and invasive weed locations within Utah County in which new invading species are located and becoming established will receive priority for treatment, see two attached maps of noxious weed infestations, (Garlic mustard, Yellow Starthistle, Knapweed, etc.), to be specifically targeted as priorities, utilizing the Early Detection Rapid Response process).

15. Project Description [Sec. 203(b)(1)] (max 30 lines.)

A cooperative Utah County noxious and invasive weed treatment, inventory, and monitoring project, with emphasis on new invading and establishing weed species (EDRR – Early Detection Rapid Response.) Some locations are not easily assessable and will require hiking to the locations and treatment with backpack and/or hand sprayers. This project provides funding to counties through Title II of the Act for restoration, maintenance and stewardship projects on the U-W-C NF federal lands, and associated projects on other lands that benefit federal lands as defined by P.L. 106-393. Title II funds will be used to reduce or eliminate noxious and invasive weeds according to Utah State Law, and will help to improve forest ecosystem health, restore watershed health, be of benefit to surrounding communities, and the general public. It is also an opportunity for public education and involvement by the public in land stewardship.

16. Project Goals and Objectives (what the project will accomplish) [Sec. 203(b)(1)] (max 20 lines)

This project will first specifically target for treatment new invading noxious and invasive weed species which are located within Utah County. It will include monitoring of the areas and additional inventory work, (Early Detection Rapid Response). This project is vital to successfully treating noxious and invasive weeds that threaten watersheds, recreational lands and trails, native plant diversity, soil productivity, wildlife habitat, etc. This project will support Forest Plan direction, with treatment of noxious and invasive weeds and through reestablishment of native species. Treatment will be based upon highest priority weeds and locations, (first treatments will target new invading plant species, (Garlic mustard, Yellow Starthistle, etc.). Improvement of watersheds will be a direct result of this project. Roadside treatments of noxious weed infestations would also help slow the spread of weeds into other areas. This project will improve cooperative relationships, and provide jobs, as well as improve forest ecosystems by restoring and improving land and water quality. It also provides an opportunity for public education and for the public and private landowners to volunteer to participate in caring for the land surrounding their communities. Treatment of areas will be a coordinated effort. The U-W-C weed crew, Utah County, Sundance Resort and private landowners and other cooperators and volunteers will contribute to the success of this project. The U-W-C Forest currently has an ongoing Master Participating Agreement with Utah County for inventory, monitoring and treatment of noxious and invasive weeds. The U-W-C and Utah County are also currently working on a three year plan with Sundance and private landowners for the Sundance Area.

17. Coordination of this project with other related project(s) on adjacent lands?	Yes	X	No
<p>If yes, then describe (max. 10 lines) Coordination of this project with Utah County, Sundance Resort, the public and private land owners to eliminate and/or reduce new invading noxious and invasive weeds, as well as other priority weeds will benefit National Forest System Lands as well as State of Utah, Utah County and private lands through cooperation and proactive treatment. Treatment of areas will be a coordinated effort. The U-W-C weed crew, Utah County, Sundance Resort and volunteers will contribute to the success of this project.</p>			

18. How does proposed project meet purposes of the Legislation? [Sec. 203(b)(1)] (<i>check all that apply</i>)	
X	Improves maintenance of existing infrastructure. [Sec. 2 (2)(A)(i)]
X	Implements stewardship objectives that enhance forest ecosystems. [Sec. 2 (2)(A)(ii)]
X	Restores and improves land health and water quality. [Sec. 2 (2)(A)(iii)]
X	Improves cooperative relationships between people that use and care for Federal land and the agencies that manage Federal land [Sec. 2 (3)]

19. Project Type [Sec. 203(b)(1)] (<i>check one</i>)			
<input checked="" type="checkbox"/>	Road Maintenance [Sec. 2 (2)(C)(i)]	<input checked="" type="checkbox"/>	Trail Maintenance [Sec. 2 (2)(C)(i)]
	Road Decommission/Obliteration [Sec. 2(2)(C)(i)]		Trail Obliteration [Sec. 2 (2)(C)(i)]
<input checked="" type="checkbox"/>	Soil Productivity Improvement [Sec. 2 (2)(C)(ii)]	<input checked="" type="checkbox"/>	Forest Health Improvement [Sec. 2 (2)(C)(iii)]
<input checked="" type="checkbox"/>	Watershed Restoration & Maintenance. [Sec. 2 (2)(C)(iv)]	<input checked="" type="checkbox"/>	Fish Habitat Restoration [Sec. 2 (2)(C)(v)]
<input checked="" type="checkbox"/>	Control of Noxious Weeds [Sec. 2 (2)(C)(vi)]	<input checked="" type="checkbox"/>	Wildlife Habitat Restoration [Sec. 2 (2)(C)(v)]
<input checked="" type="checkbox"/>	Reestablish Native Species [Sec. 2 (2)(C)(vii)]		Fuels Management/Prevention [Sec. 2 (2)(C)(iii)]
	Other Infrastructure Maintenance [Sec. 2 (2)(C)(i)]	<input checked="" type="checkbox"/>	Conservation Education [Sec. 2 (3)]
	Other Project Type [Sec. 2 (2)(C)] (Specify)		

20. Measure of Project Accomplishments/Expected Outcomes [Sec. 203(b)(5)]			
<i>a. Total Acres</i>	~260 or more acres (Large portion will be back pack & hand sprayers)	<i>b. Total Miles</i>	<i>c. Number of Structures</i>
<i>d. No. Laborer Days</i>		<i>e. Estimated People Reached (for conservation education projects):</i>	200, (this number estimate at this point may be low)
<i>f. Other (specify)</i>			

21. Merchantable Material Contracting Pilots [Sec. 204(e)(3)]			
<i>Will the project generate merchantable wood product</i>	<i>Yes</i>	<i>No</i>	<input checked="" type="checkbox"/>

22. Proposed Method(s) of Accomplishment (<i>check those that apply</i>)			
	Contract	<input checked="" type="checkbox"/>	Federal Workforce
			Other (<i>specify below</i>) X
<input checked="" type="checkbox"/>	County Workforce	<input checked="" type="checkbox"/>	Volunteers
			Private Landowners, HOAs, Potential: UDOT, Aspen Grove, etc.

23. Previous Title II Funding					
Title II Year	Request	Funding	Title II Year	Request	Funding
FY02			FY06		
FY03			FY07		
FY04			FY08		
FY05			Totals		

24. Budget Summary

Budget Categories	Title II Funds Requested (1)	Other Contributions			Total Costs (5)
		Total in-kind projected from Forest Service (2)	Total in-kind projected from Partner: Utah County (3)	Total in-kind projected from Partners: Sundance Resort, HOAs, Private Landowners, Volunteers (4)	
a. Personnel	\$9,639	\$12,146	\$3,300	\$ 5,500 \$ 2,800 \$ 750 <u>\$ 9,200</u> \$18,250 Total	\$43,335
b. Fringe benefits					
c. Travel					
d. Equipment	\$1,495	\$1,495	\$17,630	\$4,400 <u>\$3,200</u> \$7,600 Total	\$28,220
e. SEPA, NEPA & Sec. 7 ESA consultation					
f. Permit acquisition					
g. Materials & supplies	\$550			\$200	\$750
h. Project design & engineering					
i. Contractual					
j. Monitoring	(part of personnel time)		(part of personnel time)	(part of personnel time)	(part of personnel time)
k. Other (GIS,GPS, Mapping)	(part of personnel time)		(part of personnel time)	(part of personnel time)	(part of personnel time)
l. Other (specify)					
m. Other (specify)					
n. Other (specify)					
o. Indirect costs – Applicant/Partner					
p. Total	\$11,684	\$13,641	\$20,930	\$26,050	\$72,305 - \$102,305 (**see below)

** **NOTE:** Total funds from an UDAF ISM Grant for Sundance = \$20,000 to \$30,000 and this will include chemical, seed, and some labor.

*****NOTE:** The Partner Contributions total and the Total Costs does not yet include additional potential partner Contributions – to be determined, UDOT, Aspen Grove.

Amount from Column 1, Item p desired by fiscal year

p. FY2016 \$11,684	FY2017	
--------------------	--------	--

You must attach a detailed cost worksheet to show additional information that supports the lump sum figures provided above which displays how you determined the cost figures above, e.g. Salary/Labor = hrs or days x rate; Travel = miles x rate or months x FOR rate, days x per diem rate; Equipment Use = hrs or days x rate; Supplies & Materials--list of items and estimated cost; Printing = estimated cost per item; Indirect Cost = Direct cost x current indirect rate.

This information is needed to substantiate your budget estimate. In addition, indicate if contributions are Cash=C or In-Kind= IK. If your project requires Forest Service resources, be sure they are included in the Title II funds requested.

Use the attached cost worksheet or one of your choosing as long as specific details are included. **See Attached.*

25. Project Work Form		
List tasks and time frames necessary to complete your project. Show who will complete each task.		
Tasks	Time Frame	Who Will Complete Work
Planning and logistics to organize all partners to treat, (spray, hand pull etc.) identified project areas.	June thru November	U-W-C National Forest, Pleasant Grove Ranger District, Utah County, Sundance Resort, Private landowners, etc.
Mixing and using proper herbicides with Truck, ATV/UTV, Backpack & Hand sprayers to treat noxious and invasive weed species within Utah County, with emphasis on new invader species.	June thru November	U-W-C National Forest, Pleasant Grove Ranger District, Utah County, Sundance Resort, Private landowners, Volunteers, etc.
Monitor and record keeping on treatment progress and effectiveness	July thru November	U-W-C National Forest, Pleasant Grove Ranger District, Utah County, Sundance Resort, Private landowners, Volunteers, etc.
Monitor Specifically Targeted New Invader Noxious Weed Locations for effectiveness	July thru November	U-W-C National Forest, Pleasant Grove Ranger District, Utah County, Sundance Resort, Private landowners, Volunteers, etc.
Inventory Additional Areas For Noxious and Invasive Weeds, (Identifying and recording weed infestations)	June thru November	U-W-C National Forest, Pleasant Grove Ranger District, Utah County, Sundance Resort, Private landowners, Volunteers, etc.
Reseed areas with native seed where needed	September/October/November	U-W-C National Forest, Pleasant Grove Ranger District, Utah County, Sundance Resort, Private landowners & Volunteers

26. How will cooperative relationships between the people that use federal lands and the agencies that manage them be improved? List known partnerships or collaborative opportunities [Sec. 2 (3)]	
<p>General relationships and attitudes can be, (and are), improved and trust developed by accomplishing common goals. Understanding of what natural resource management involves and government interaction with the public can foster better communication. The public will be better educated concerning our natural resources, and their quality of life improved through this knowledge. Public participation in land stewardship strengthens personal commitment to the land and provides opportunities for the public to see the government in action, which may in turn foster an interest in government related job opportunities and/or long term volunteer commitments. Completion of this project will be an economic benefit, both in the short term and long term to all the parties involved as well as to the general public and should strengthen the desire for future cooperative efforts to occur.</p> <p>Known and or collaborative opportunities related to this project include: Utah County, Sundance Resort, Volunteers, and private land owners. Potentially UDOT & Aspen Grove</p>	
27. How is this project in the best interest of the community? [Sec. 203 (b)(7)] Identify benefits to communities.	
<p>Reduction of noxious and invasive species can improve the public's enjoyment of the outdoors. Control of these weeds can improve public comfort and safety, due to the nature of some of these invasive plants, (some have spines which can make a recreational outing very uncomfortable if encountered on a hike, picnic, or during other activities and some if picked can cause skin and eye irritations). The reduction in spread of noxious weeds will help to improve watersheds, restore native plant communities, improve soil productivity, water quality and big game habitat, which in turn effect our communities water supplies, recreational opportunities, and general environment.</p>	
28. How does project benefit federal lands/resources?	
<p>It will benefit federal lands by reducing the spread of noxious and invasive weeds, and thereby help to improve watersheds, restore native plant communities, improve soils, improve big game habitat, and water quality. General overall ecosystem health and improved watershed conditions would be gained.</p>	
29. Target Species Benefited (if applicable)	Deer, Mountain Goats, Elk, Birds & Other various species

30. Status of Project Planning [Sec. 204 (b)]						
a. NEPA* Analysis Complete?	Yes	X	No		<i>b. If no, give estimated date of completion</i>	
b. NOAA* Fisheries Sec. 7 ESA* Consultation Complete?	Yes		No		<i>Not Applicable</i>	X
c. USFWS* Sec. 7 ESA Consultation Complete?	Yes		No		<i>Not Applicable</i>	X
d. Survey & Manage Complete?	Yes		No	X	<i>Not Applicable</i>	
e.WDFW* Permits -Formal HPA* Complete -Covered under MOU* and WDFW* -Not Completed	Yes		No		<i>Not Applicable</i>	X
f. COE* 404 Fill/Removal Permit Obtained?	Yes		No		<i>Not Applicable</i>	X
g. SHPO* Concurrence Received?	Yes		No		<i>Not Applicable</i>	X
h. Project Design(s) Completed? Continuing	Yes	X	No			

*NEPA=National Environmental Policy Act, NOAA=National Oceanographic and Atmospheric Administration. ESA=Endangered Species Act, USFWS=United States Fish and Wildlife Service, WDFW=Washington Department of Fish and Wildlife HPA-Hydrologic Permit Approved, MOU-Memorandum of Understanding, COE=Army Corps of Engineers, SHPO = State Historic Preservation Officer

31. Monitoring Plan [Sec. 203(b)(6)]	
a. <i>How will the positive or negative impacts of the project be identified and tracked?</i> [Sec. 203 (b)(6)(A)]	
Monitoring and treatment of noxious weed populations is an ongoing process. Positive results will be identified as the number of acres of noxious weeds that are decreased and will be evaluated by ongoing monitoring process. Watershed improvement will be achieved through greater populations of native vegetation replacing noxious weed communities. Downstream water quality will be improved through increased and improved ground cover	
<i>Who is responsible for this monitoring item?</i>	U-W-C NF, Utah County, Sundance Resort, Etc.
b. <i>How will the project be evaluated to determine how well the proposed project contributes towards local employment and/or training opportunities, including summer youth jobs programs such as the Youth Conservation Corps where appropriate?</i> [Sec. 203 (b)(6)(B)(i)]	
Number of people employed.	
<i>Who is responsible for this monitoring item?</i>	U-W-C NF, Utah County, Sundance Resort, Etc.
c. <i>If applicable, how will the project be evaluated to determine if the project improved the use of, or added value to, any products removed from the land?</i> [Sec. 203(b)(6)(B)(ii)]	
<i>Who is responsible for this monitoring item?</i>	
d. <i>Identify total funding needed to carry out specified monitoring tasks (Item k., Column D in Project Costs table)</i>	\$
<i>What are the sources for funding?</i>	See budget summary above

32. Accomplishment Reporting
Accomplishment information will be required at the close of a funded project. Project photos of before and after are encouraged.

This request covers portions of Utah County, and includes recently located & mapped infestations of new invaders, (Garlic Mustard, Yellow Starthistle, Knapweed, etc.), which will be targeted as high priority areas for treatment, (see priority emphasis area maps attached for Sundance Ski Resort & Pleasant Grove Bench Area). Treatment will include, spraying, biological control, and/or other appropriate treatment methods, including hand pulling.

Early Detection Rapid Response, (EDRR), is used in Utah County, along with Prevention, Public Education and Weed Awareness Training. Other new invader infestations will be targeted, (as found), as the EDRR process is followed, (it is anticipated the Garlic Mustard has spread to other areas in the Sundance Resort already and that additional currently unknown garlic mustard infestations will be located within the Sundance Area).

Known documented established infestations, may also be targeted for treatment, (as funding and resources allow).

Specific to the Sundance Resort Area:

This is a highly concentrated recreational use area, with extremely high potential for many different noxious weeds to continue to spread into, within and from the area, (via vehicles, people, animals, etc.). We would like to continue working with Sundance Resort to get the initial spray of the area classified as the Ridge area. This area was treated last fall and follow up treatment and mapping this spring is critical, (this area requires back pack and hand sprayers be used, as the majority of the ground treatment is located within

the understory where motorized equipment cannot be used. ATVs will be used as support to refill back pack and hand sprayers where possible). Seeding will be done in these areas, as conditions allow, to provide for desirable plant species competition in the understory once the Garlic Mustard is sprayed. Study plots to determine seeding success rates within the treatment areas is desired. The treatment of noxious weeds in the target areas will be documented with photo points, pictures, video and new GPS/GIS data points of any new infestations located. Each polygon on the attached Sundance map has a location name on the mountain for reference to team personnel and are numbered by priority based on weed infestation type, location, accessibility, and potential for spread. A good portion of this work will be a drop off and hike through areas back to an access road, then back up to the top for another drop off and hike, (repeatedly). The target species are primarily Garlic Mustard, Spotted Knapweed, Dalmatian Toadflax, and Canada Thistle. The intent is to also actively search and map for Garlic Mustard while spraying all areas. Where possible trails and access roads will be boom sprayed from ATVs. Seed would be applied where needed.

Prevention/Education = “Weed Awareness”.

Private/government relationships and all working relationships have been strengthening. The coordination and cooperation with partners that has taken place thus far has increased the desire to continue to work together to make a difference including: use of Early Detection, Rapid Response to new invaders, treatment to control & contain existing infestations, and education about the importance of prevention.

Noxious weed identification training & information has been provided each of the last three years at Sundance Resort by the Forest Service, as part of this overall effort. Community and public awareness is increasing and momentum is building: Partners have contributed; private landowners and volunteers have treated noxious weeds; an interested private landowner contributed money to the community which was used to hire and pay a few individuals to treat weeds; other potential partners are showing interest, etc.

The Forest Service and Utah County are working together currently with Sundance and Sundance Private Landowners on a 3 year action plan. (Other partners are being engaged as well, to help increase funding and get even more work accomplished.) Utah County has also applied for grant money ***Total funds from UDAF ISM Grant for Sundance = \$20,000 to \$30,000 and this will go towards chemical, seed, and labor.* With a three year plan in place we hope to keep the momentum going to prevent, contain, control and eradicate noxious weeds in the area on trails, roads, forest and private lands.

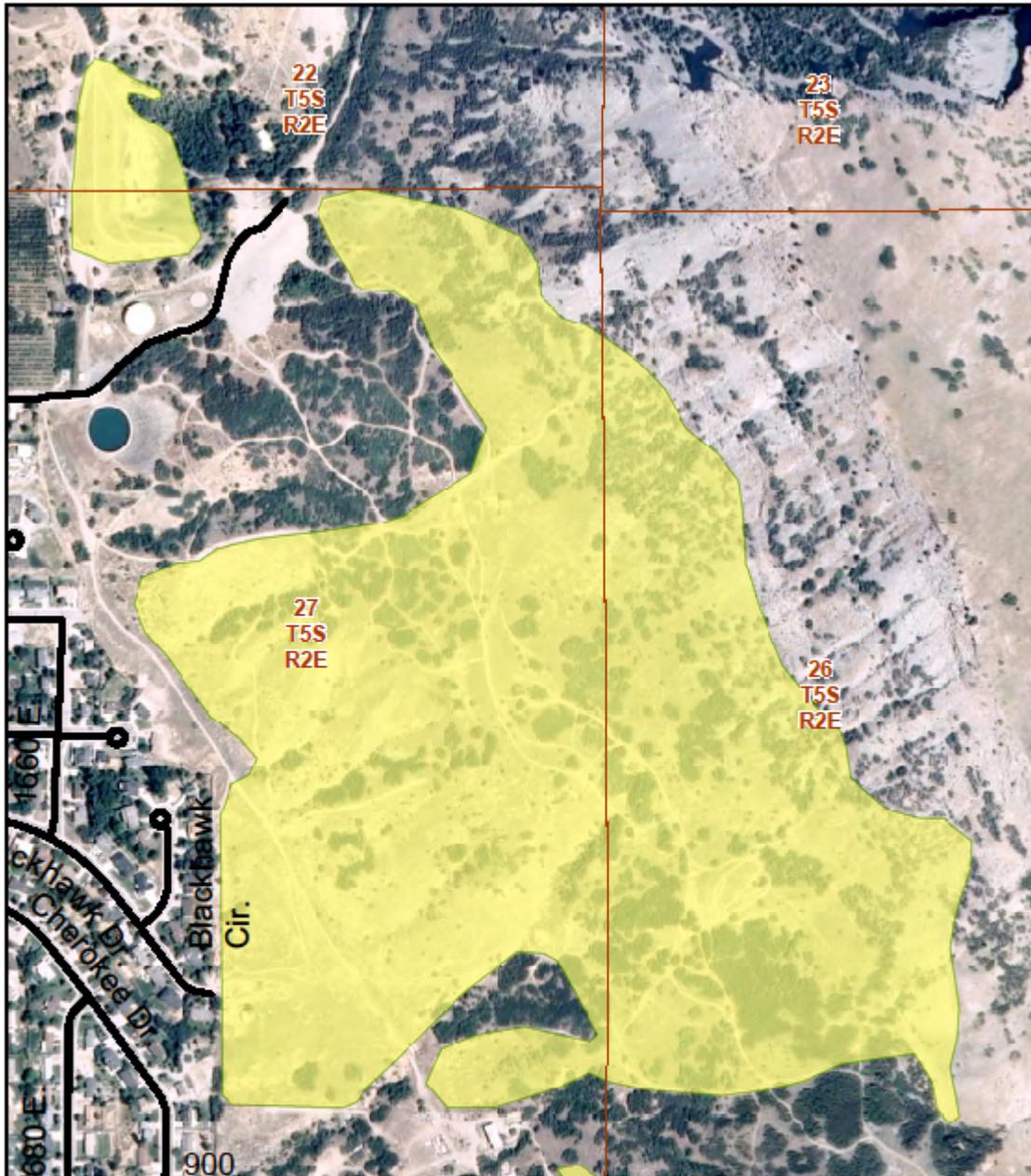
NAISMA, the North American Invasive Species Management Association, (an international organization), conference & tour is also scheduled to be held in Utah this September, and one of their tour stops is scheduled to be at Sundance. Our efforts together to cooperate and collaborate to fight noxious weeds in the area will be a topic covered at this tour stop. It is anticipated that there will be media coverage at this event.

Great things happen when everyone works together!! The Title II Funds requested will assist in this effort.

Insert maps here



MapSundance24x36P.zip



**Yellow Star
Thistle**
2009
Aerial Photo

 Section Lines

 Yellow Star Thistle

122 Acres
42.3 Miles from Pleasant Grove Forest Service Office

Orem



1:5,436
1 inch = 457.34 feet
Map is copyrighted by Utah
County, which makes no
warranty for its accuracy.
Utah County Public Works
-Mapping Division
2852 South State Street
Provo, UT 84606
(801) 851-6625
Printed 3/29/2011 by Melaric