

C/007/013 Incoming

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**United States Department of the Interior
Bureau of Land Management**

**Determination of NEPA Adequacy
DOI-BLM-UT-G021-2010-0027-DNA**

August 2011

**Lila Canyon - Wildlife Habitat Enhancement
and Bighorn Sheep Guzzlers**

Location: The project area is located near Horse Canyon, approximately 20 miles south and east of Price, Utah. The closest mapped geographic place is Lila Point. The project area is in T16S, R14E, Sec 10 and 26 and is along the Little Park Road.

Applicant/Address: **UtahAmerican Energy Inc.,
P.O. Box 910, East Carbon, UT 84520**

Price Field Office
125 South 600 West
Price, Utah 84501
435-636-3600
FAX: 435-636-3657



Worksheet

Determination of NEPA Adequacy

U.S. Department of the Interior
Utah Bureau of Land Management

The signed CONCLUSION at the end of this worksheet is part of an interim step in the BLM's internal analysis process and does not constitute an appealable decision; however, it constitutes an administrative record to be provided as evidence in protest, appeals, and legal procedures.

OFFICE: Price Field Office

TRACKING NUMBER: DOI-BLM-UT-G021-2010-0027-DNA

CASEFILE/PROJECT NUMBER: None

PROPOSED ACTION TITLE/TYPE: Lila Canyon - Wildlife Habitat Enhancement and Bighorn Sheep Guzzlers

LOCATION/LEGAL DESCRIPTION: The project area is located near Horse Canyon, approximately 20 miles southeast of Price, Utah. The closest mapped geographic place is Lila Point. The general legal description for the habitat project area is T16S, R14E, Sec 10, at an elevation of 7400 feet, and surrounds existing sagebrush areas. The general legal description for the guzzlers is T16S, R14E, Sec 26, at an elevation of 6800 feet and is on an escarpment edge. (see attached maps)

APPLICANT (if any): UtahAmerican Energy Inc.
P.O. Box 910
East Carbon, UT 84520

A. Description of the Proposed Action and Any Applicable Mitigation Measures

These projects are part of the Lila Canyon Project Emery County, Utah described in the 2000 EA/FONSI/DR (UT-070-99-22), approved by BLM on October 27, 2000. The projects are to fulfill the mitigation/enhancement for displacement and direct disturbance of wildlife and vegetation loss, during the development and operation of the underground coal mine.

On page 27 of the EA it was stated "Wildlife Enhancement Projects - UEI would provide two rainfall water catchments to benefit bighorn sheep populations and habitat use within the area above the proposed mine site. These guzzlers would be installed by BLM and Utah Division of Wildlife Resources (UDWR) in suitable locations along the cliff-talus habitat south of the Lila Canyon area."

"In addition to this project, UEI would complete a vegetation treatment project within the affected area to increase small mammal populations, and thus increasing the forage capacity for area raptor populations. Project design would be provided by BLM and UDWR and involve treating and reseeding approximately 93 acres of habitat. The vegetation treatment would be designed to improve diversity and density of vegetation cover types and create a mosaic of treated and untreated areas to maximize benefits of edge for wildlife species."

Rainfall Water Catchments (Guzzler) mitigation

The purpose of this wildlife enhancement is to provide water for bighorn sheep. Springs and seeps, which are used by bighorns when flowing, could be disrupted by the coal mining activities. The guzzlers would replace those. The bighorn water catchments would not be available to livestock.

Description of Work: The Utah Division of Wildlife Resources has already purchased, installed, and is operating a bighorn sheep guzzler on privately owned land (UEI owned) near the mine portal and facilities. The location is north of the mine portal, on the opposite side of Lila Canyon, and the legal description for this guzzler is T16S, R14E, Sec 15 and is identified as the Lila Canyon Guzzler. This guzzler is now providing water to bighorn sheep in the immediate vicinity of the mine. UEI would compensate UDWR for the materials used for this existing guzzler; by purchasing the supplies and materials that could be used to construct another guzzler. In addition, UEI would be responsible for purchasing another guzzler. This would include all the parts and materials, including fencing materials to exclude livestock, to provide another guzzler in the immediate area. In total, UEI would purchase and deliver enough supplies, parts, and materials for 2 complete guzzlers. The materials would be delivered to the Utah Division of Wildlife Resources (UDWR). The guzzlers would be installed by BLM and UDWR. Attached is a photograph of the existing guzzler (Williams Draw) located on state land, which is very similar to the proposed installation, except that the guzzler would be painted to blend in with the landscape.

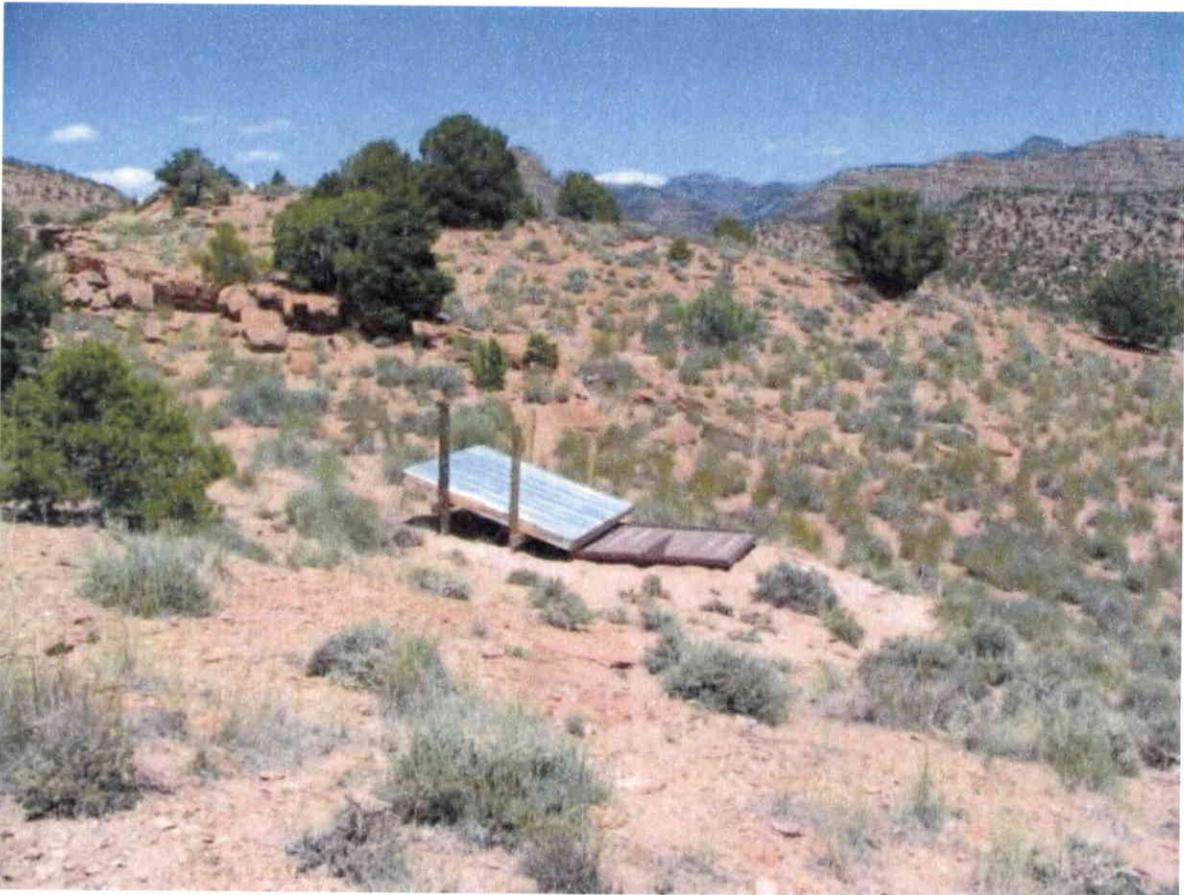


Figure 1 - Existing Williams Draw Guzzler, located on state land

If a helicopter is available, then the guzzler location in T16S R14E Sec 26 SW1/4NE1/4 (E558272 N4361795) is the preferred location (shown in Figure 2). By ground access, the next preferred location is in T16S R14E Sec 26 NE1/4 (E558582 N4361988) (shown in Figure 3). The springs and seeps (Stinky Springs) below these locations are heavily used by bighorn sheep. If these springs ceased to flow, then both of the locations may be needed to provide replacement water for the bighorn sheep.

Access for construction would be by traveling on the Little Park Road (a BLM system road) and then onto an old trail/road (which would become an administrative access road for this project), which had been used in the past for access to coal mine test drill holes, and then by using the Little Park Wash bottom. After construction, the visible tracks would be drug out or raked out, as specified by the BLM. In addition, the guzzler, including the apron would be painted a non-reflective color to blend in with the surrounding landscape. A fence would have to be added around the guzzler to keep livestock from drinking the water in the guzzler location shown in Figure 3.

Both of these proposed guzzler locations are in non-WSA lands with wilderness characteristics. None of the guzzler locations are in WSAs.



Figure 2 - Proposed guzzler location is on the point, in the center of the photo.



Figure 3 – Second location for a guzzler, with the guzzler being placed on the slope above the flat.

Vegetation treatment project

The purpose of this enhancement project is to increase the habitat (security cover) for small game (rabbits, mice, and other small mammals). Brush piles provide more security for rabbits, thereby increasing the numbers of rabbits, which provide more food for foraging raptors. The traffic on the coal haul road could disturb raptors from hunting next to the road. The road and mine facilities are placed on top of habitat that would have produced small game that would have been food for raptors. The vegetation treatment project would be located in areas with fewer disturbances and the productivity of small game would be enhanced. UEI would be responsible for contracting and completing this part of the project.

General Description of Work: The two units are approximately 93 acres in total. Only green Pinyon Pine and Juniper trees would be treated. All trees and shrubs not identified as Pinyon Pine or Juniper shall be designated as leave trees. Most of the area (77 acres) would be treated by hand crews cutting, limbing, and then leaving the trees and limbs. The loose accumulations of limbs and trunks would be left as is (in a loose pile) and would not be burnt. In a smaller subset of the units, some of the piles could be burned to reduce the fuel loading. This unit (16 acres) would be treated by hand crews cutting and piling. No heavy equipment would be used, with the crews walking on the ground and forming the piles by hand. Only green Pinyon Pine and Juniper trees would be treated. About half of the piles would be left as is and would not be burned. The remaining piles could be burned by the BLM, in areas where the BLM has decided the fuel load is excessive. None of these units are in WSAs or non-WSA lands with wilderness characteristics.



Figure 4 - Cutting and limbing is planned for trees surrounding the sagebrush opening in this location.

Detailed Work Description: Cut and Limb

Specific Description of Work: This unit would be treated by hand crews cutting, limbing, and then leaving the trees and limbs. The loose accumulations of limbs and trunks would be left as is (in a loose pile). All green Pinyon Pine and Juniper trees, up to a bole diameter of 16 inches, measured at the root collar, within the project boundaries, shall be completely severed from the stump(s). Stump height shall not exceed 6 inches measured on the uphill side. No live or dead limbs shall be left on the stump of cut trees. All main branches, limbs, or stems shall be cut from the severed trunks of the trees. The loose accumulations of limbs and trunks would be left as is. Both ends of the severed trunk shall be resting on the ground. All small green Pinyon Pine and Juniper trees standing taller than 24 inches shall be completely severed from the stump(s). All trees and shrubs not identified as Pinyon Pine or Juniper shall be designated as leave trees. All large green or dead Pinyon Pine and Juniper trees, which are greater than a bole diameter of 16 inches measured at the root collar, are also leave trees. All leave trees would be left as is, not severed or limbed.

All trees cut, that are within 100 feet of the Little Park Road (the main access road), shall be pulled away from the road, limbed, and left there. The unit is approximately 77 acres in total, all on BLM-administered lands, with none on private or State of Utah lands. Reseeding is not planned, since there is a seed source from the existing shrubs, forbs, and grasses.

Detailed Work Description: Cut and Pile

Specific Description of Work: This unit would be treated by hand crews cutting, limbing, and then piling the trees and limbs. Green Pinyon Pine and Juniper trees up to a bole diameter of 16 inches, measured at the root collar, within the project boundaries, shall be completely severed from the stump(s). No live or dead limbs shall be left on the stump(s). Stump height shall not exceed 6 inches measured on the uphill side. All main branches or stems shall be cut from the trunk of the tree. Both ends of the trunk shall be resting on the ground. All vegetation not identified as Pinyon Pine or Juniper shall be designated as leave trees. All small, green Pinyon Pine and Juniper trees taller than 24 inches shall be completely severed from the stump(s).

Piles shall be no larger than 6 feet by 6 feet in size and shall not be located on or adjacent to any fence, road, trail, or boundary line. All cut slash between 1 and 4 inches in diameter and greater than 2 feet in length shall be piled. All cut woody slash greater than 4 inches in diameter must not be piled and shall be left scattered on the ground. Fine fuels (limbs with needles) shall be placed at the bottom of the pile with larger branches placed on top. The near edge of piles shall be at least 10 feet from the edge of any other pile, live tree canopy, physical improvement (such as fence or cattle guard), or the unit boundary. Piles that are more than 100 feet from the boundary shall be no larger than 12 feet by 12 feet in size.

More than half of the piles would be left as is and would not be burned. The remaining piles could be burned. The BLM fuels reduction crew would determine which piles would be burned in order to lessen the fuel loading for the area. Reseeding is planned for the spots where the piles were burnt and other soil disturbed areas. The unit is approximately 16 acres in total, all on BLM-administered lands, with none on private or State of Utah lands.



Figure 5 - Cutting and piling would occur where the trees are denser.

Attached is a photograph of similar work done on the Columbia fuels reduction project.

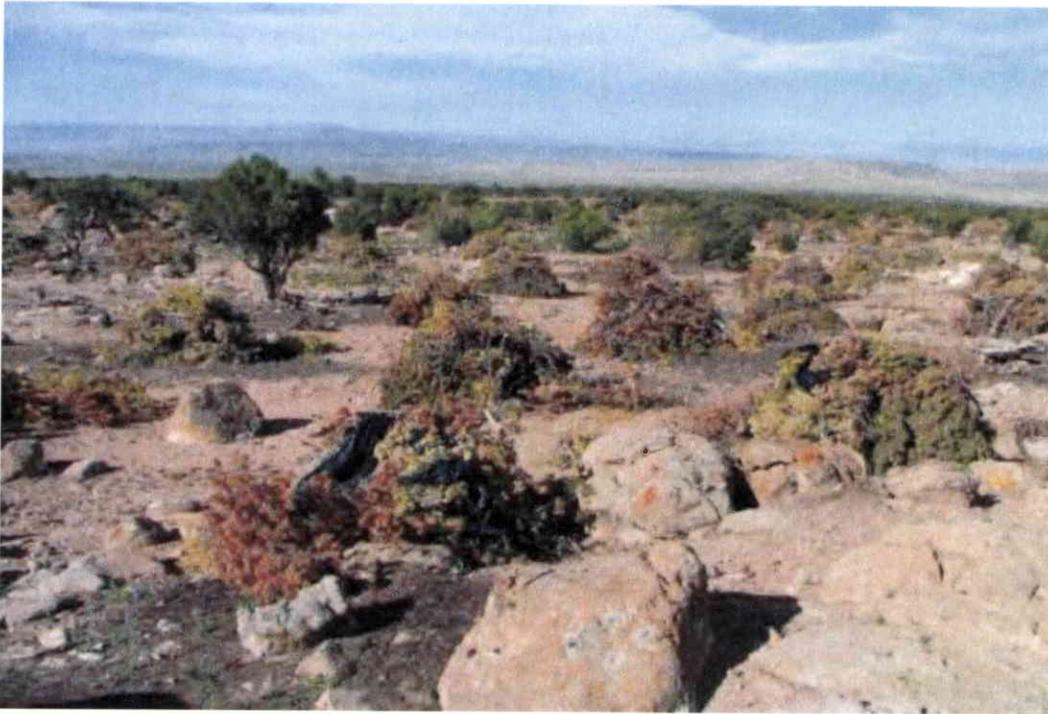


Figure 6 - An example of P/J cutting and piling.

B. Land Use Plan (LUP) Conformance

Price Resource Management Plan

Approved: October 2008

The proposed action is in conformance with Approved Price Resource Management Plan because it is specifically provided for in the following LUP decisions:

VEG-07 - Mitigate impacts on vegetation on the public lands from disturbance activities. Implement short and/or long-term actions or projects to replace or enhance resources that will be impacted. Priority will be given to mitigation measures that benefit multiple resource issues within the immediate area of the impacts (within the livestock allotment, occupied wild horse and burro range, or habitat for wildlife, T&E or special status species).

(and)

WL-07 - Use a full range of mitigation options (including offsite mitigation) when developing mitigation for project-level activities for fish and wildlife habitats.

C. Identify the applicable National Environmental Policy Act (NEPA) documents and other related documents that cover the proposed action.

These projects are part of the Lila Canyon Project, Emery County, Utah described in the 2000 EA/FONSI/DR (UT-070-99-22), approved by BLM on October 27, 2000. The guzzler project would be implemented in the same manner as described in detail in the EA "Saddlehorn Water Catchment" EA Number UT-06697-1,

which addressed similar concerns relative to Bighorn Sheep. The guzzlers would also be implemented the same as described in the "Upland Game Bird and Big Game Guzzler Construction in the Price FO, EA-UT-070-08-030" which was approved 09/23/08. The vegetation treatment would be implemented in a similar fashion as the "Columbia Wildland/Urban Interface Hazardous Fuels Treatment EA, DOI-BLM-UT-G020-2009-0059-EA", which was approved July 7, 2009. Another EA for the Lila Canyon Project, which includes weed treatment, was described in the Modification of Federal Coal Lease SL-066490 (Lila Ventilation and Fan Portals) EA/FONSI/DR (DOI-BLM-UT-G023-2011-0012-EA), approved by BLM on May 11, 2011.

D. NEPA Adequacy Criteria

1. Is the new proposed action a feature of, or essentially similar to, an alternative analyzed in the existing NEPA document(s)? Is the project within the same analysis area, or if the project location is different, are the geographic and resource conditions sufficiently similar to those analyzed in the existing NEPA document(s)? If there are differences, can you explain why they are not substantial?

Yes
 No

Documentation of answer and explanation:

The Lila Canyon Project Emery County, Utah described in the 2000 EA/FONSI/DR (UT-070-99-22), EA/DR specified what was to be completed, but did not identify the locations of where the vegetation treatment projects were to be done.

The Lila Canyon Project Decision Record did anticipate and analyze that the two guzzlers would be in non-WSA lands with wilderness characteristics. "Surface facilities within the proposed mine site and proposed guzzlers would directly disturb eight acres of the natural wilderness value and future designation of the immediate area as wilderness within the Desolation Canyon Inventory Unit 8 (1999 Utah Wilderness Inventory)."

The existing environmental documents analyzed projects being constructed in the Pinyon Pine/Juniper and sagebrush of the Bookcliffs, the same as is being proposed here.

2. Is the range of alternatives analyzed in the existing NEPA document(s) appropriate with respect to the new proposed action (or existing proposed action), given current environmental concerns, interests, and resource values?

Yes
 No

Documentation of answer and explanation:

These projects are part of the Lila Canyon Project Emery County, Utah described in the 2000 EA/FONSI/DR (UT-070-99-22), approved by BLM on October 27, 2000. The projects are to fulfill the mitigation/enhancement for displacement and direct disturbance of wildlife and vegetation loss. The existing documents considered an adequate range of implementation methods and alternatives for this type of action – a short disturbance time followed by long-term habitat benefits.

3. Is existing analysis adequate in light of any new information or circumstances (such as, rangeland health standards assessment; recent endangered species listings, updated list of BLM sensitive species)?

Can you reasonably conclude that new information and new circumstances would not substantially change the analysis of the new proposed action?

Yes
 No

Documentation of answer and explanation:

There is no new information available that would suggest that conditions regarding rangeland health standards, endangered species listing, BLM sensitive species, or any other environmental concern have substantially changed since the original assessment was undertaken. Wilderness values were considered in the 2000 EA. Section 3.7 Wilderness Values of the EA identifies that "The area of the proposed action is located within and adjacent to two wilderness inventory areas and adjacent to an established BLM Wilderness Study Area (WSA)." Section 4.8 Wilderness Values analyzed the effects of the guzzlers as shown in the statement "Surface facilities associated with the proposed mine site and guzzlers would directly disturb eight acres of the natural wilderness value . . ." State, other Federal agency, and BLM specialists have been to the subject area to make these assessments.

4. Are the direct, indirect, and cumulative effects that would result from implementation of the new proposed action similar (both quantitatively and qualitatively) to those analyzed in the existing NEPA document?

Yes
 No

Documentation of answer and explanation:

The direct, indirect, and cumulative effects that would result from the implementation of the proposed action are nearly identical to those considered in the guzzler and vegetation treatment EAs discussed above. The impacts that would result from this mitigation/enhancement plan would be the same as those EAs.

5. Are the public involvement and interagency review associated with existing NEPA document(s) adequate for the current proposed action?

Yes
 No

Documentation of answer and explanation:

The Lila Canyon mine approval included detailed coordination with Federal and State Agencies as well as public advertisement. Public participation in the development of the Lila Canyon mine was solicited through the EA, which included numerous opportunities for the public to comment on mining activities in the area and mitigation for those activities. This project is to preserve, maintain, enhance, and substitute resources to mitigation impacts that the State agencies have required, and that the public is interested in seeing completed.

The public was also provided notice of all actions and decisions associated with the guzzler and vegetation treatment EAs through the Environmental Notification Bulletin Board (ENBB). The ENBB provides the public with notice of all NEPA activities occurring in each field office in the State of Utah. This DNA was entered into the ENBB on 8/11/2010 and the status was that a DNA is being prepared.

E. Persons/Agencies/BLM Staff Consulted:

<u>Name</u>	<u>Title</u>	<u>Resource Represented</u>
Joe Helfrich	Resource Specialist	Utah Division of Oil Gas and Mining
Leroy Mead/Nicole Nielson	Wildlife Biologists	Utah Division of Wildlife Resources
Nathan Darnall	Wildlife Biologist	Fish and Wildlife Service
David Waller	Wildlife Biologist	BLM

CONCLUSION (If you found that one or more of these criteria is not met, then you cannot conclude that the NEPA documentation fully covers the proposed action).

Plan Conformance:

- This proposal conforms to the applicable land use plan.
- This proposal does not conform to the applicable land use plan

Determination of NEPA Adequacy

- Based on the review documented above, I conclude that this proposal conforms to the applicable land use plan and that the NEPA documentation fully covers the proposed action and constitutes BLM's compliance with the requirements of the NEPA.
- The existing NEPA documentation does not fully cover the proposed action. Additional NEPA documentation is needed if the project is to be further considered.

David L. Waller _____ 2011-Aug-30
 Signature of Project Lead Date

Donna D. Mead _____ 8/29/11
 Signature of NEPA Coordinator Date

Patricia A. Clabaugh _____ 8-31-2011
 Signature of the Responsible Official Date

Note: The signed Conclusion on this Worksheet is part of an interim step in the BLM's internal decision process and does not constitute an appealable decision. However, the lease, permit, or other authorization based on this DNA is subject to protest or appeal under 43 CFR Part 4 and the program-specific regulations.

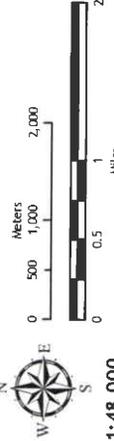
ATTACHMENTS:

Lila Canyon - Wildlife Habitat Enhancement and Bighorn Sheep Guzzlers

Map Legend

-  Bighorn Sheep Proposed Guzzlers
-  Cut and Limb
-  Cut and Pile
-  Bighorn Sheep Guzzlers - Existing
-  Lila Canyon Water Sources
-  Lila Canyon Area Springs
-  Lila Canyon Trails
-  Lila Canyon Road
-  Lila Canyon Project - Surface Area
-  Land (Surface) Ownership
 -  State Parks and Recreation
 -  Bureau of Land Management (BLM)
 -  State of Utah
 -  State Wildlife Management Area (DWR)
 -  Other Federal
-  Bureau of Land Management (BLM)
-  State of Utah
-  USDA Forest Service (USFS)
-  Other Federal

NAD 83 zone 12



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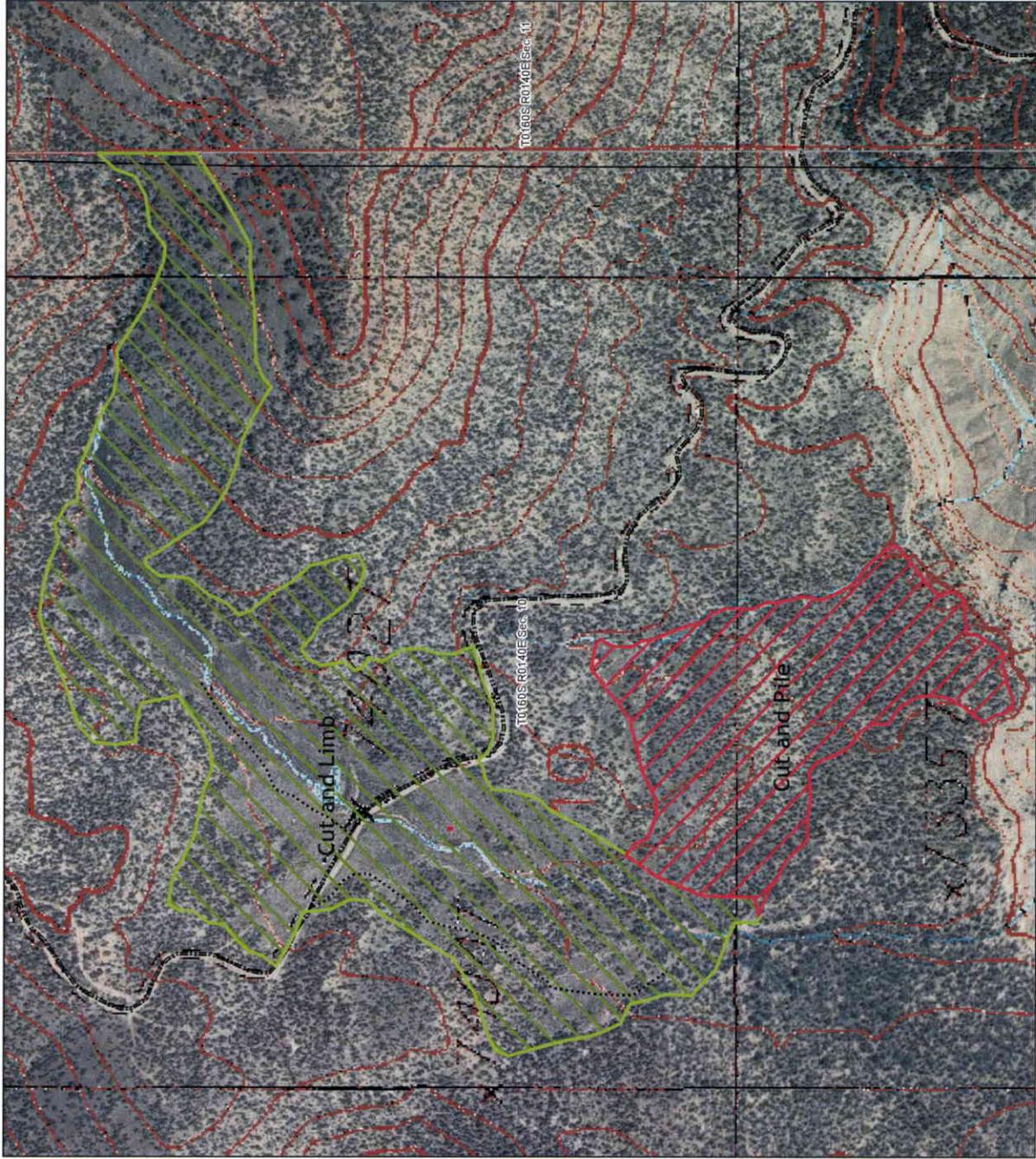


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Price, UT 84501-2833



Location of Project in Utah

Lila Canyon - Wildlife Habitat Enhancement and Bighorn Sheep Guzzlers



Map Legend

Lila Canyon Vegetation Treatment Areas

PropAction

-  Cut and Limb
-  Cut and Pile

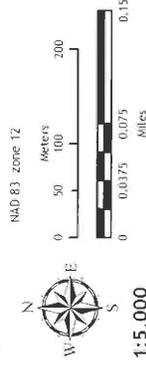
Lila Canyon Water Sources

Lila Canyon Area Springs

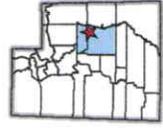
Lila Canyon Trails

Land (Surface) Ownership

-  Private
-  Bureau of Land Management (BLM)
-  State of Utah
-  State Wildlife Management Area (DWR)
-  State Parks and Recreation
-  Tribal, Indian Reservation
-  USDA Forest Service (USFS)
-  Other Federal



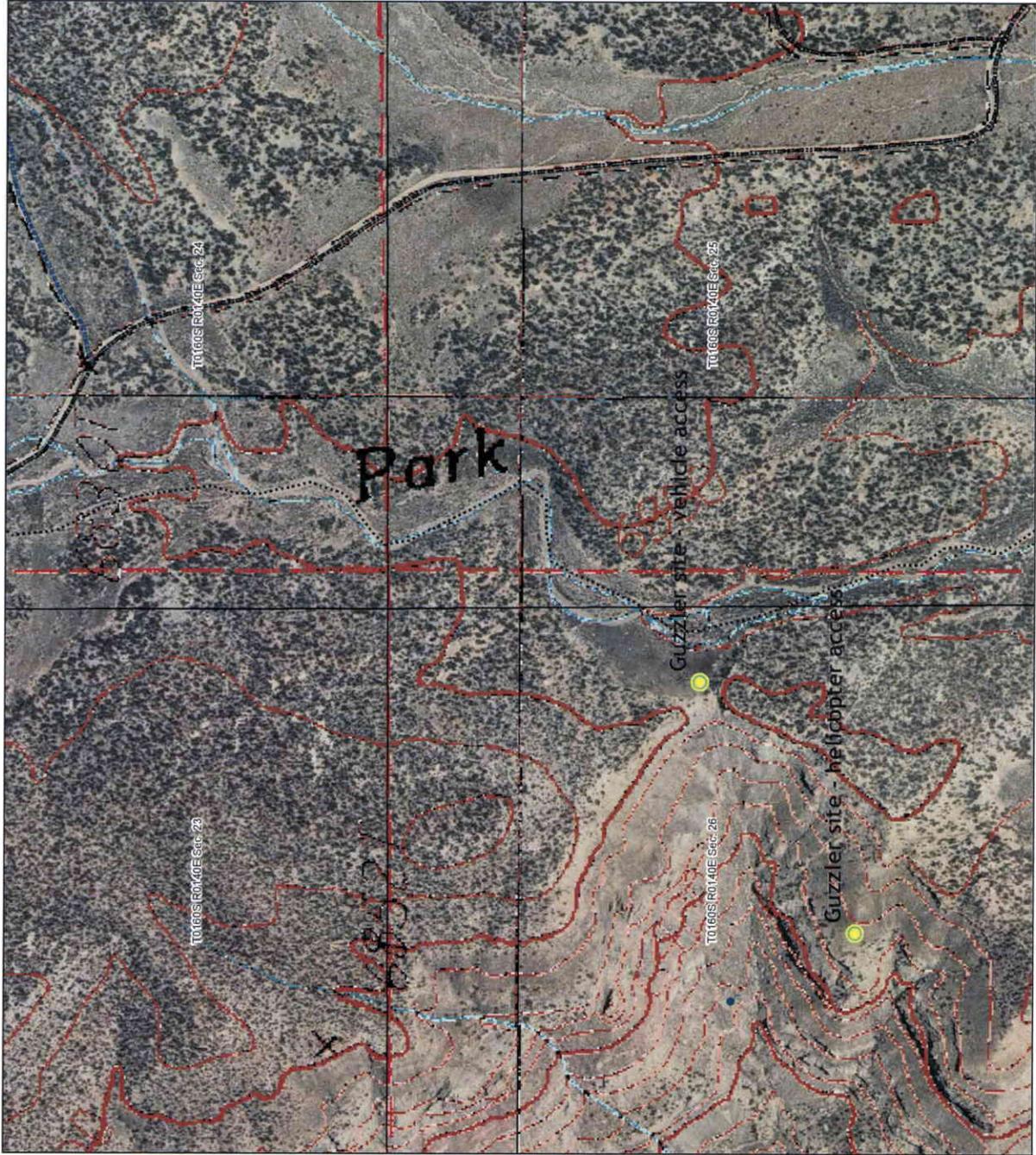
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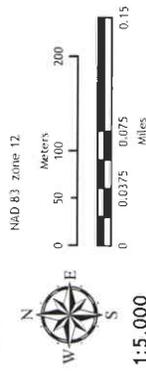
Location of Project in Utah

Lila Canyon - Wildlife Habitat Enhancement and Bighorn Sheep Guzzlers



Map Legend

- Bighorn Sheep Proposed Guzzlers
 - Bighorn Sheep Guzzlers - Existing
 - Lila Canyon Water Sources
 - Lila Canyon Area Springs
 - Lila Canyon Trails
-
- Land (Surface) Ownership
 - Private
 - Bureau of Land Management (BLM)
 - State of Utah
 - State Wildlife Management Area (DWR)
 - State Parks and Recreation
 - Tribal, Indian Reservation
 - USDA Forest Service (USFS)
 - Other Federal



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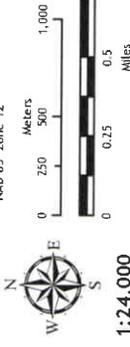
Location of Project in Utah

Lila Canyon - Wildlife Habitat Enhancement and Bighorn Sheep Guzzlers

Map Legend

-  Bighorn Sheep Proposed Guzzlers
- Lila Canyon Vegetation Treatment Areas**
- PropAction**
-  Cut and Limb
-  Cut and Pile
-  Bighorn Sheep Guzzlers - Existing
-  Lila Canyon Water Sources
-  Lila Canyon Area Springs
-  Lila Canyon Trails
-  Lila Canyon Road
-  Lila Canyon Project - Surface Area
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-  Bureau of Land Management (BLM)
-  State of Utah
-  State Wildlife Management Area (DWR)
-  State Parks and Recreation
-  Tribal, Indian Reservation
-  USDA Forest Service (USFS)
-  Other Federal

NAD 83 zone 12



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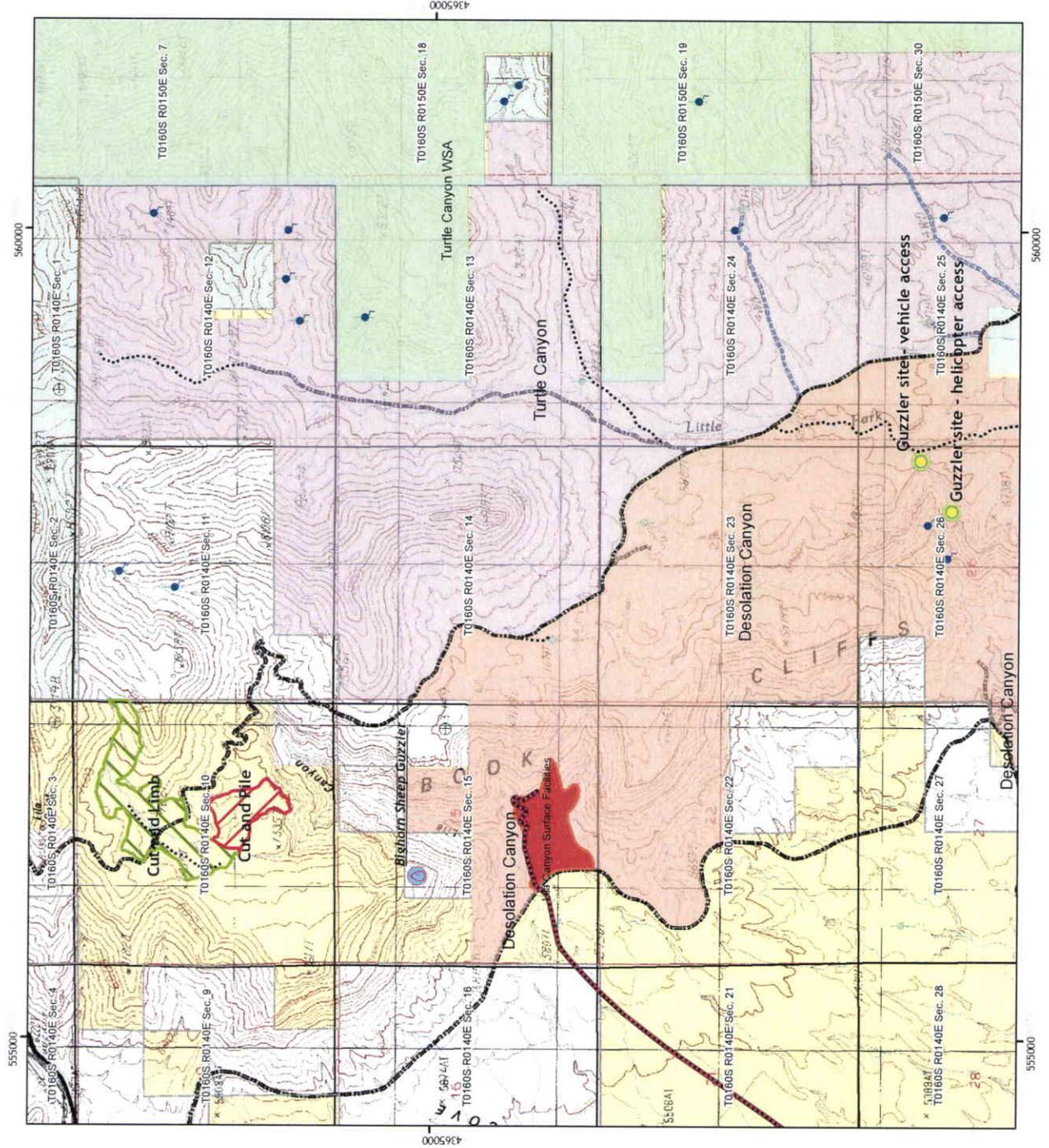
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Location of Project in Utah



INTERDISCIPLINARY TEAM CHECKLIST

Project Title: Lila Canyon Wildlife Habitat Enhancement and Bighorn Sheep Guzzlers

NEPA Log Number: DOI-BLM-UT-G021-2010-0027-DNA

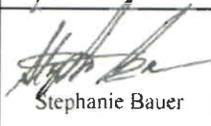
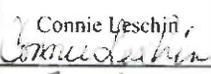
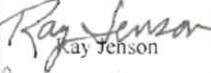
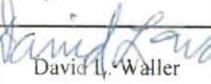
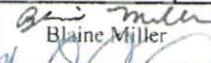
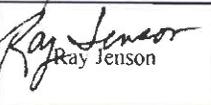
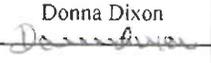
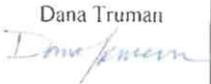
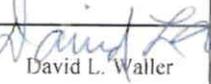
File/Serial Number: None

Project Leader: David L. Waller

DETERMINATION OF STAFF: (Choose one of the following abbreviated options for the left column)

- NP = not present in the area impacted by the proposed or alternative actions
- NI = present, but not affected to a degree that detailed analysis is required
- PI = present with potential for relevant impact that need to be analyzed in detail in the EA
- NC = (DNAs only) actions and impacts not changed from those disclosed in the existing NEPA documents cited in Section D of the DNA form. The Rationale column may include NI and NP discussions.

Determination	Resource	Rationale for Determination*	Signature	Date
RESOURCES AND ISSUES CONSIDERED (INCLUDES SUPPLEMENTAL AUTHORITIES APPENDIX I II-1790-1)				
NI	Air Quality	There is no regulatory monitoring data for the project area. Dust and other emissions currently occur from vehicles utilizing the subject roads. It is anticipated that the incremental change from this project's alternatives would be so small as to be undetectable by both models and monitors.	Donna Dixon <i>Donna Dixon</i>	8/24/11
NP	Areas of Critical Environmental Concern	There are no ACECs present.	Tom Gnojek Tom Gnojek	8/20/11
NP	BLM Natural Areas	There are no BLM natural areas present.	Tom Gnojek	8/20/11
NP	BLM Sensitive Animal Species	There are no known BLM sensitive animal species in the project area, as per review of BLM records.	David L. Waller	Nov 20, 2009
NP	BLM Sensitive Plant Species	There are no known BLM sensitive plant species in the project area, as per review of BLM records.	Dana Truman <i>Dana Truman</i>	Aug 1 2011
NP	Cultural Resources	The project area was inventoried for historic properties (U-11-MQ-0480b). No Historic properties were located. There will be no effects to cultural resources.	Blaine Miller <i>Blaine Miller</i>	8-29-11 08-08-11
NI	Greenhouse Gas Emissions	There are currently no regulatory standards for controlling GHG emissions or accepted analytical methods for evaluating project specific impacts related to GHG emissions. As a consequence, the impacts of site-specific proposals cannot be determined. Based on the nature of the action and the size of the project, GHG emissions are expected to be minimal.	Donna Dixon <i>Donna Dixon</i>	8/24/11
NP	Environmental Justice	There are no geographic concentrations of minority or low income populations within the Project Area that would be adversely impacted by the Proposed Action or alternatives.	Donna Dixon <i>Donna Dixon</i>	8/21/11
NP	Farmlands (Prime or Unique)	According to the NRCS soil survey for the area, there are no prime or unique farmlands within the project area.	Jeffrey Brower <i>Jeffrey Brower</i>	8/04/11
NC	Fish and Wildlife Excluding USFWS Designated Species and BLM Sensitive Species	There are active raptor nests, especially golden eagles, in the project area. Bighorn sheep, mule deer, and elk are present, with the bighorn sheep being the species of management concern. The purpose of this project is to have positive effects on wildlife, as mitigation/enhancement for the Lila Canyon Coal Mine Project.	David L. Waller <i>David L. Waller</i>	Nov 20, 2009
NP	Floodplains	No floodplains in the project area	Jeffrey Brower <i>Jeffrey Brower</i>	03/22/10

Determination	Resource	Rationale for Determination*	Signature	Date
NC	Fuels/Fire Management	Implementation of the proposed action could result in an increased threat from severe high-intensity wildland fire throughout the project area.	 Matt Madariaga <i>for Matt</i>	8/22/11 2/08/10
NI	Geology / Mineral Resources/Energy Production	No geological resources, mineral resources or energy production will be negatively impacted by the proposed action.	 Don Stephens	8/08/11
NI	Hydrologic Conditions	The guzzlers would not have any impact on hydrologic conditions. Observing BMPs would reduce impacts to negligible in areas of veg treatment	 Jeffrey Brower	03/22/10
NC	Invasive Species/Noxious Weeds (EO 13112)	Implementation of the proposed action could result in the introduction/spread of invasive species/noxious weeds. However, there are no known populations within the project area. By implementing BMP's during the project, the potential for introduction/spread of invasive species/ noxious weeds is minimal. Invasive species/noxious weeds were addressed in DOI-BLM-UT-G023-2011-0012-EA.	 Stephanie Bauer	8/22/11 8/22/11
NI	Lands/Access	The project, as proposed, will not affect any existing routes or ROWs. There are no conflicts with other land use authorizations.	 Connie Leschj	8-27-11 3/11/10
NI	Livestock Grazing	The proposed project is within an active grazing allotment, Little Park. Implementation of the proposed action could affect the time and timing of the livestock grazing. Coordination with the permittee will need to be completed.	 Ray Jensen	8/29/11
NI	Migratory Birds	There are no known sensitive migratory birds in the project area. Sage sparrows could benefit with an increase in sage brush acreage.	 David L. Waller	Nov 20, 2009
NI	Native American Religious Concerns	Letters were sent on July 27, 2011. No concerns have been identified	 Blaine Miller	8-27-11 08-08-11
NI	Paleontology	Minimal surface disturbance associated with the project would not result in impacts to paleontological resources	 Connie Leschj	8.4.2011
NI	Rangeland Health Standards	Overall the watershed is meeting rangeland health standards. The proposed action is small in acreage and as a result is expected to have a negligible to positive benefit on the standards for rangeland health for the watershed.	 Ray Jensen	8/29/11
NI	Recreation	The proposed action is in an area (Extensive Recreation Management Area) where recreation opportunities and problems are limited and explicit recreation management is not required. Minimal management actions related to the BLM's stewardship responsibilities are adequate in these areas. Implementation of the project would have minimal impact on recreation.	 Kathryn Lloyd	08.4.11
NI	Socio-Economics	Implementation of the Proposed Action would have no measureable social or economic impacts.	 Donna Dixon	8/29/10
NI	Soils	No heavy equipment would be used, Most of the area (77 acres) would be treated by hand crews cutting, limbing, and then leaving the trees and limbs. The loose accumulations of limbs and trunks would be left as is (in a loose pile) and would not be burnt. In a smaller subset of the units, some of the piles could be burned to reduce the fuel loading. This unit (16 acres) would be treated by hand crews cutting and piling, with the crews walking on the ground and forming the piles by hand. As designed, there will be minimal surface disturbance. Vegetation will remain to stabilize the site, therefore minimal to no impact to the soil resource is expected.	 Dana Truman	Aug 1 2011
NP	Threatened, Endangered or Candidate Animal Species	The project area is not habitat for Mexican Spotted owls or any other listed animal species. No effect on the Colorado River fish or any listed species or designated critical habitat.	 David L. Waller	Nov 20, 2009

Determination	Resource	Rationale for Determination*	Signature	Date
NI	Threatened, Endangered or Candidate Plant Species	There are no known listed plant species or habitat for listed plants species in the project area therefore minimal impacts to listed species are expected. There is potential for the rare endemic species, Canyon Sweet vetch to occur in the project area, but it is not on the current sensitive species list for Utah BLM, based on the proposed action minimal impacts are expected to this species.	Dana Truman <i>Dana Truman</i>	Aug 1 2011
NP	Wastes (hazardous or solid)	No known HazMat sites known in the project area. Implementation of the proposed action would not produce any hazardous materials in reportable amounts.	Jeffrey Brower <i>Jeffrey Brower</i>	03/22/10
NI	Water Resources/Quality (drinking/surface/ground)	Negligible impacts would occur to water resources. One dry wash will be impacted by the project, but observance of BMPs would reduce impacts.	Jeffrey Brower <i>Jeffrey Brower</i>	03/22/10
NP	Wetlands/Riparian Zones	No riparian areas or wetlands are in the project area	<i>Kathryn Lloyd</i> Kathryn Lloyd	03/22/10
NP	Wild and Scenic Rivers	There are no wild and scenic rivers present	<i>Tom Gnojek</i> Tom Gnojek	8/30/11
NP	Wilderness/WSA	The proposed treatment and guzzlers would not be in designated wilderness or WSAs.	Tom Gnojek	
NC	Woodland / Forestry	Implementation of the Proposed Action would result in a reduction in woodland/ forest resources; however, improved health and vigor of those resources are anticipated by diversifying the age-class of trees.	<i>Stephanie Bauer</i> Stephanie Bauer	8/29/11 2/08/10
NI	Vegetation Excluding USFWS Designated Species and BLM Sensitive Species	This project would remove pinyon and juniper trees from sagebrush flats on approximately 93 acres. The treatment is designed by DWR and BLM to improve diversity and density of vegetation cover types and create a mosaic of treated and untreated Areas. Most of the areas would be treated by hand crews cutting, limbing, and then leaving the trees and limbs. Implementation of the proposed action will minimally alter the existing plant community and seral stage because sagebrush and grass are still present.	Dana Truman <i>Dana Truman</i>	Aug 2 2011
NI	Visual Resources	The Visual Resource Management Class is II which allows for the level of change to the characteristic of the landscape to be low. VRM Class II objectives state that contrasts may be seen but must not attract the attention of the casual observer. The proposed project would comply and would not exceed the acceptable level of change	Kathryn Lloyd <i>Kathryn Lloyd</i>	08.4.11
NP	Wild Horses and Burros	The project area is not within a Wild Horse and Burro Herd Management Area.	<i>Mike Woodell</i> Mike Woodell	1/20/2011
NC	Areas with Wilderness Characteristics	Construction of the two guzzlers would located in citizen proposed wilderness areas that the BLM has inventoried and found to have wilderness characteristics. Through the recent land use planning process the BLM chose not to protect the wilderness values within these areas and instead provide for other resource uses. Impacts to lands with wilderness characteristics including the loss of naturalness and opportunities for primitive and unconfined recreation were discussed within the Lila Canyon EA.	<i>Tom Gnojek</i> Tom Gnojek	8/30/11

FINAL REVIEW:

Reviewer Title	Signature	Date	Comments
Environmental Coordinator	<i>Dana Truman</i>	8/30/11	
Authorized Officer	<i>Patricia A. Ubbau</i>	8-31-2011	