

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0070001
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, July 23, 2013
Start Date/Time:	7/23/2013 8:00:00 AM
End Date/Time:	7/23/2012 4:30:00 PM
Last Inspection:	Wednesday, June 12, 2013

Inspector: Priscilla Burton,

Weather: sunshine 75 - 80 F

InspectionID Report Number: 3553

Accepted by: jhelfric

7/29/2013

Representatives Present During the Inspection:	
OGM	Priscilla Burton
OGM	Dana Dean
OGM	Daron Haddock
OGM	Pete Hess
OGM	Amanda Daniels
OGM	Kenneth Hoffman

Permitee: **LODESTAR ENERGY INC**

Operator:

Site: **WHITE OAK MINE**

Address: ,

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **RECLAIMED**

Current Acreages

3,906.00	Total Permitted
151.10	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- Federal
- State
- County
- Fee
- Other

Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

DOGM staff members sprayed Milestone at the loadout and mine site in a cooperative effort to control musk thistle. Robert Aycock directed the efforts of approximately 15 volunteers from the Skyline Cooperative Weed Management Association and Marion Energy in spraying along roads and trails from Clear Creek to Whiskey Creek. Landowner Robert Hammond was on hand as well.

Inspector's Signature

Priscilla Burton,

Inspector ID Number: 37

Digitally signed by Priscilla Burton
DN: cn=Priscilla Burton, o, ou,
email=priscillaburton@utah.gov, c=US
Date: 2013.08.05 14:37:11 -06'00'

Date

Thursday, July 23, 2013



REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. Protection of Fish, Wildlife and Related Environmental Issues

Five OGM staff members (Dana Dean, Daron Haddock, Ken Hoffman, Amanda Daniels, and Priscilla Burton) used backpack sprayers to reach patches of thistle on steep slopes of the reclaimed mine site. Pete Hess used a truck mounted sprayer to reach patches of thistle along the road way at the reclaimed mine site and loadout. Where possible, Pete also dead headed the plants before spraying the loadout. A map indicating the areas of spray is attached along with photos from the day.

The amount of Milestone chemical used at the White Oak site by the backpack sprayers was calculated to be 10 ounces = (1 ounce/4 gal.) x 5 backpacks x 2 fill ups. The truck mounted sprayer held 15 gals of water, therefore, it used 4 ounces of Milestone. A total of 14 - 16 ounces of Milestone was used by the Division staff at the White Oak loadout and mine site. Additional Milestone was used on the White Oak access road by the Carbon County truck mounted sprayers on July 8. The length of road is 1 mile and the spray was used for 30 ft. on the downhill slope. The area covered was therefore (5,280 ft x 30 ft.) / 43,560 sq. ft. per ac. = 3.6 acres. According to the Carbon Co. Weed Supervisor, Mike Johnson, the truck mounted sprayer applies 35 gal/acre and uses 7 oz Milestone per 35 gal. Therefore the truck mounted sprayer applied approximately 25 ounces of Milestone to the minesite access road. Therefore, approximately 41 ounces (2.5 pints) of Milestone has been used at the White Oak mine site, loadout and access road.

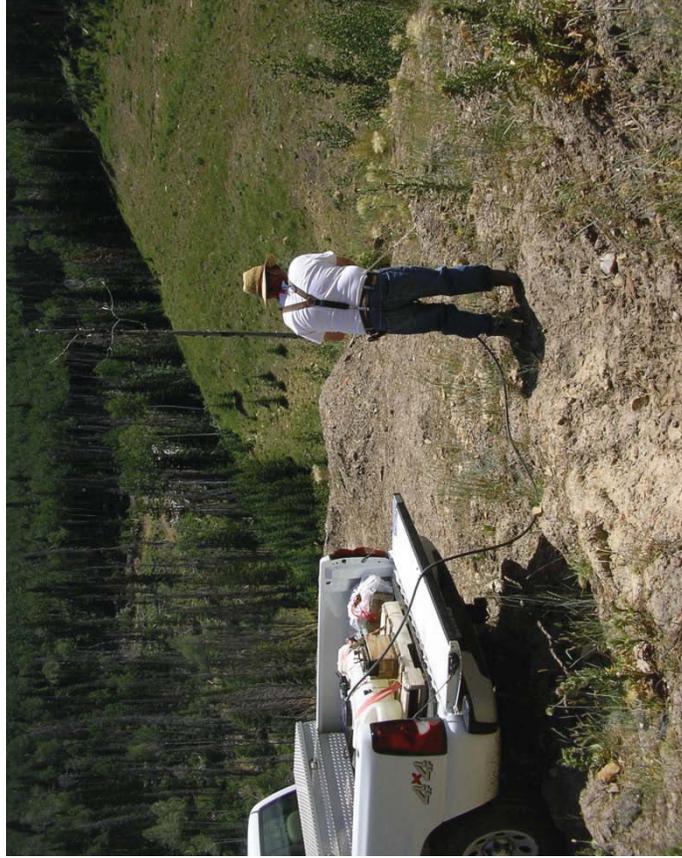
Several thistle blossoms were examined for the presence of the seed head insect, *Thinocyllus conicus*. The insect was found at both the loadout and mine site locations.



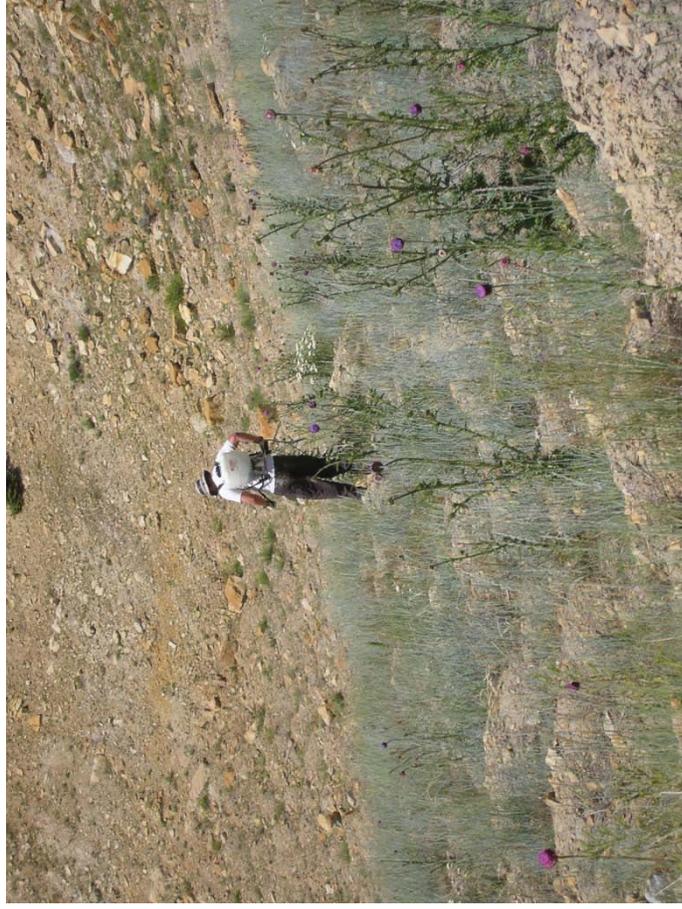
Louie, Carbon County Weed Control fills sprayers.



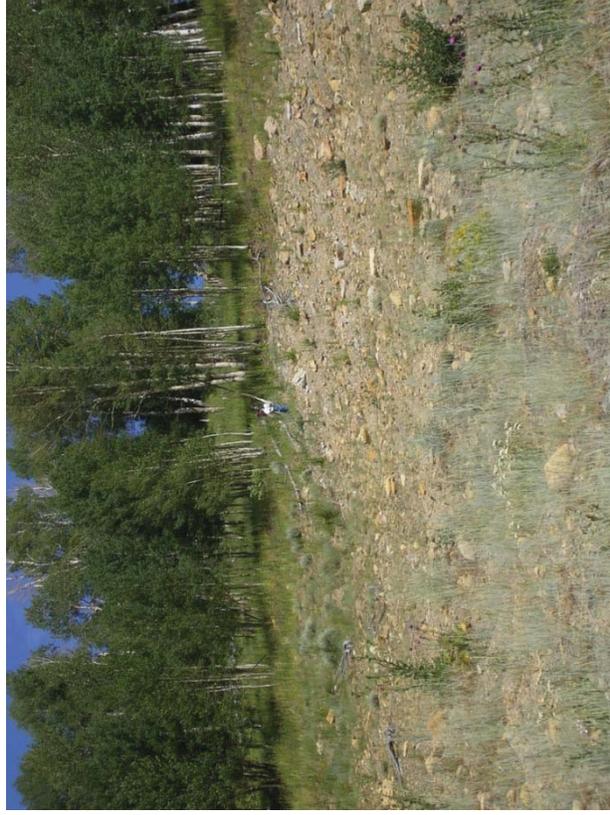
SCWMA volunteers travel trails in Boardinghouse, Finn and Slaughterhouse Canyons.



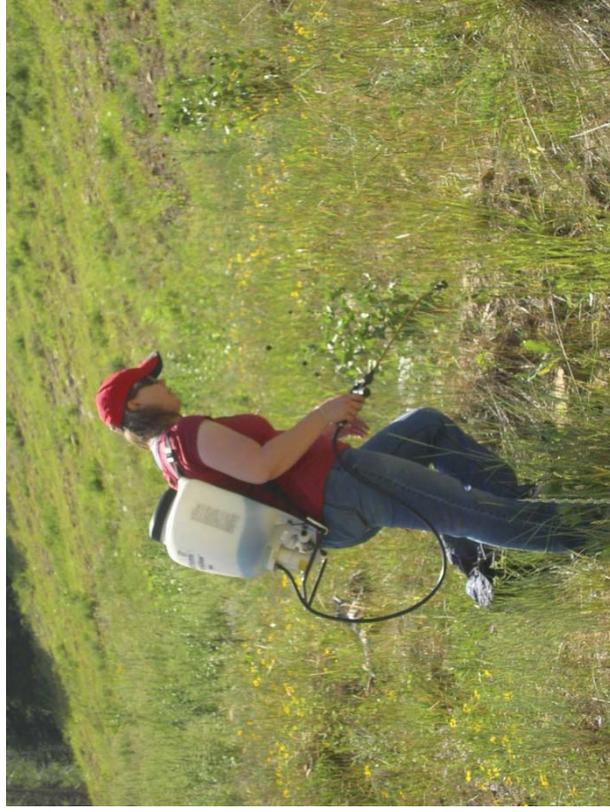
Pete Hess sprays along access road.



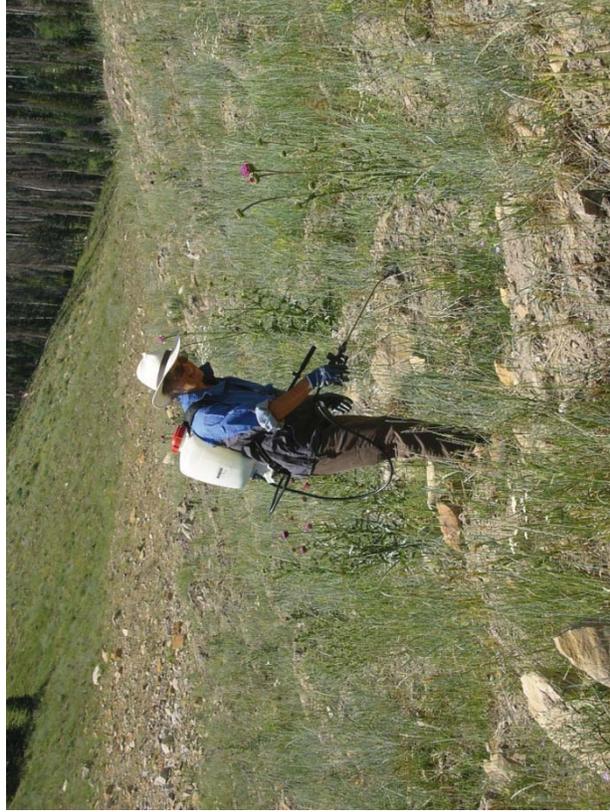
Ken Hoffman spraying below Terrace C.



Daron Haddock spraying on USFS boundary.



Dana Dean spraying on NW facing slope above stream Reach 3.



Priscilla Burton spraying on SE facing slopes in Reach 3.

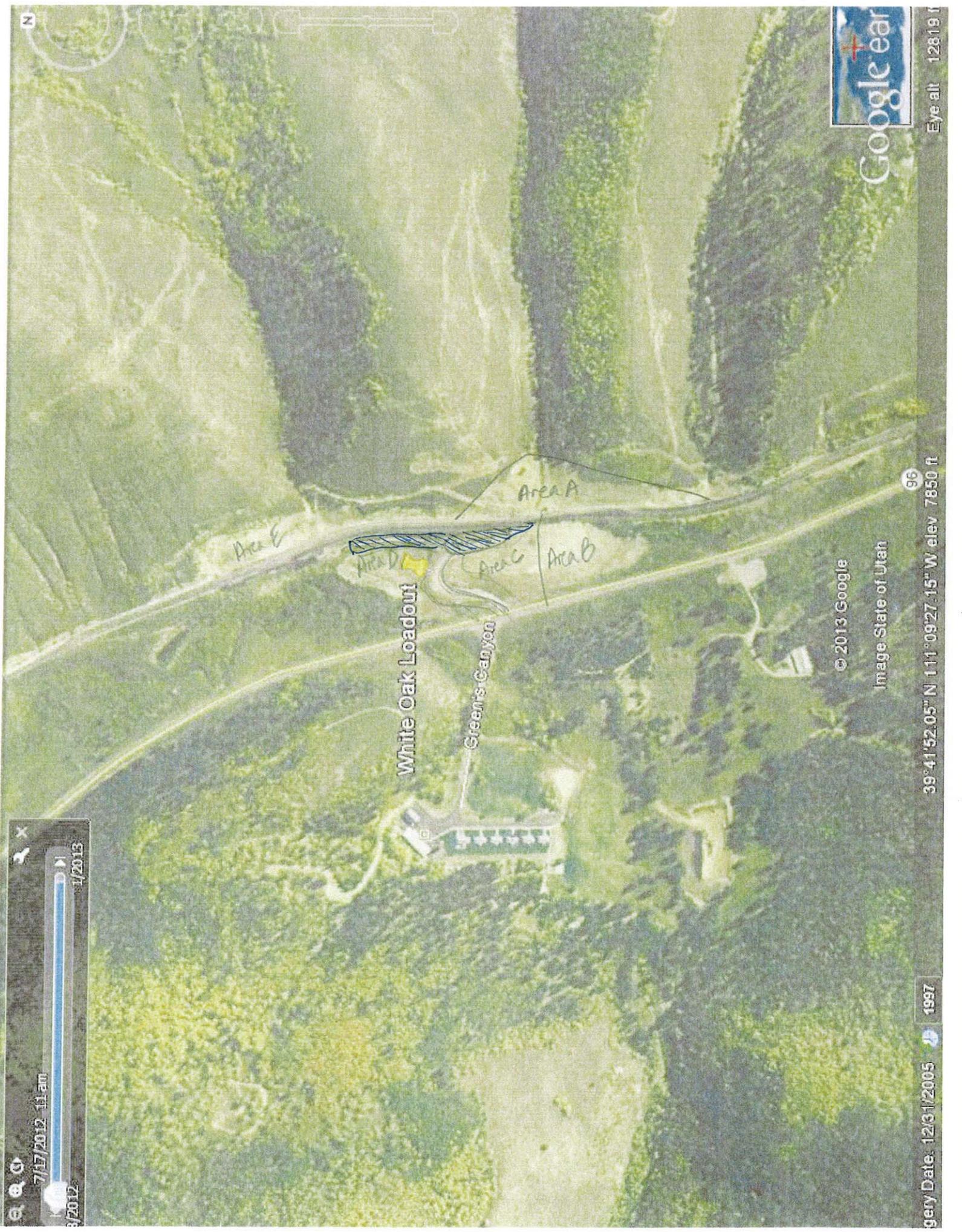


Thistle head weevil, *Rhinocyllus conicus*, in musk thistle blossom.

8/2012 7/17/2012 11:am 1/2013

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Image State of Utah

96
39° 41' 52.05" N 111° 09' 27.15" W elev 7850 ft



Eye alt 12819 ft

History Date: 12/31/2005 1997