



State of Utah

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Environmental Quality

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DIVISION OF WATER QUALITY
Walter L. Baker, P.E.
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May 12, 2011

Mr. Dave Shaver, Resident Agent
Andalex Tower Mine
794 North C Canyon Road
P.O. Box 910
East Carbon, UT 84520-0910

Subject: UPDES Reconnaissance Inspection – Andalex Tower Mine (UT0025674).

Dear Mr. Shaver:

On April 21, 2011 I conducted a Reconnaissance Inspection of the Andalex Tower Mine site. Enclosed is a report of that inspection. There were no deficiencies noted and no response is required.

Thank you for your time. If you have any questions, please contact me at (801) 536-4386 or by e-mail at mherkimer@utah.gov.

Sincerely,

Mike Herkimer, Environmental Scientist
UPDES Engineering Section

JK:MH:mc

Enclosures

cc (w/encl): Stephanie Gieck, EPA Region VIII
Claron Bjork, SE District Health Department
Dave Ariotti, SE District Engineer
Daron Haddock, Division of Oil Gas & Mining

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United States Environmental Protection Agency
Washington, D.C. 20460

Water Compliance Inspection Report

Section A: National Data System Coding (i.e., ICIS)

Transaction Code N	NPDES U T 0 0 2 5 6 7 4	yr/mo/day 1 1 0 4 2 1	Inspection Type R	Inspector S	Fac. Type 2
1	2	3	11	12	17
Remarks					
21					
Inspection Work Days 21	Facility Self-Monitoring Evaluation Rating 3	BI N	QA N	Reserved	
67	69	70	71	72	80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) UTAH AMERICAN ENERGY, INC., ANDELEX TOWER MINE ABOUT 8 MILES NORTHEAST OF PRICE, UTAH ON AIRPORT ROAD	Entry Time/ Date	Permit Effective Date
	Exit Time/ Date	Permit Expiration Date
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) N/A	Other Facility Data (e.g., SIC NAICS, and other descriptive information)	
Name, Address of Responsible Official/Title/Phone and Fax Number MR. DAVE SHAVER ANDELEX TOWER MINE P.O. BOX 910 EAST CARBON, UTAH 84520-0910	Contacted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedule	<input type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Storm Water	
<input checked="" type="checkbox"/> Effluent/Receiving Waters	<input type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description

Name(s) and Signature(s) of Inspector(s) <i>Michael D Herkimer</i> MICHAEL D HERKIMER, ENVIRONMENTAL SCIENTIST	Agency/Office/Phone and Fax Number(s) DIVISION OF WATER QUALITY, (801) 536-4386	Date 5/12/2011
Name and Signature of Management Q A Reviewer <i>John Kennington</i> JOHN KENNINGTON, MGR, UPDES ENG SECTION	Agency/Office/Phone and Fax Number(s) DIVISION OF WATER QUALITY (801) 536-4380	Date 5/12/2011

INSTRUCTIONS

Section A: National Data System Coding (i.e., ICIS)

Column 1: Transaction Code: Use N, C, or D for New, Change, or Delete. All inspections will be *new* unless there is an error in the data entered.

Columns 3-11: NPDES Permit No. Enter the facility's NPDES permit number - third character in permit number indicates permit type for U=unpermitted, G=general permit, etc. (Use the Remarks columns to record the State permit number, if necessary.)

Columns 12-17: Inspection Date. Insert the date entry was made into the facility. Use the year/month/day format (e.g., 04/10/01 = October 01, 2004).

Column 18: Inspection Type*. Use one of the codes listed below to describe the type of inspection:

A	Performance Audit	X	Toxics Inspection	6	IU Non-Sampling Inspection with Pretreatment
B	Compliance Biomonitoring	Z	Sludge - Biosolids	7	IU Toxics with Pretreatment
C	Compliance Evaluation (non-sampling)	#	Combined Sewer Overflow-Sampling	!	Pretreatment Compliance (Oversight)@
D	Diagnostic	\$	Combined Sewer Overflow-Non-Sampling	{	Storm Water-Construction-Sampling
F	Pretreatment (Follow-up)	+	Sanitary Sewer Overflow-Sampling	}	Storm Water-Construction-Non-Sampling
G	Pretreatment (Audit)	&	Sanitary Sewer Overflow-Non-Sampling	:	Storm Water-Non-Construction-Sampling
I	Industrial User (IU) Inspection	\	CAFO-Sampling	~	Storm Water-Non-Construction-Non-Sampling
J	Complaints	=	CAFO-Non-Sampling	<	Storm Water-MS4-Sampling
M	Multimedia	2	IU Sampling Inspection	-	Storm Water-MS4-Non-Sampling
N	Spill	3	IU Non-Sampling Inspection	>	Storm Water-MS4-Audit
O	Compliance Evaluation (Oversight)	4	IU Toxics Inspection		
P	Pretreatment Compliance Inspection	5	IU Sampling Inspection with Pretreatment		
R	Reconnaissance				
S	Compliance Sampling				
U	IU Inspection with Pretreatment Audit				

Column 19: Inspector Code. Use one of the codes listed below to describe the *lead agency* in the inspection.

A-	State (Contractor)	O-	Other Inspectors, Federal/EPA (Specify in Remarks columns)
B-	EPA (Contractor)	P-	Other Inspectors, State (Specify in Remarks columns)
E-	Corps of Engineers	R-	EPA Regional Inspector
J-	Joint EPA/State Inspectors—EPA Lead	S-	State Inspector
L-	Local Health Department (State)	T-	Joint State/EPA Inspectors—State lead
N-	NEIC Inspectors		

Column 20: Facility Type. Use one of the codes below to describe the facility.

- 1- Municipal. Publicly Owned Treatment Works (POTWs) with 1987 Standard Industrial Code (SIC) 4952.
- 2- Industrial. Other than municipal, agricultural, and Federal facilities.
- 3- Agricultural. Facilities classified with 1987 SIC 0111 to 0971.
- 4- Federal. Facilities identified as Federal by the EPA Regional Office.
- 5- Oil & Gas. Facilities classified with 1987 SIC 1311 to 1389.

Columns 21-66: Remarks. These columns are reserved for remarks at the discretion of the Region.

Columns 67-69: Inspection Work Days. Estimate the total work effort (to the nearest 0.1 work day), up to 99.9 days, that were used to complete the inspection and submit a QA reviewed report of findings. This estimate includes the accumulative effort of all participating inspectors; any effort for laboratory analyses, testing, and remote sensing; and the billed payroll time for travel and pre and post inspection preparation. This estimate does not require detailed documentation.

Column 70: Facility Evaluation Rating. Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

Column 71: Biomonitoring Information. Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

Column 72: Quality Assurance Data Inspection. Enter Q if the inspection was conducted as follow-up on quality assurance sample results. Enter N otherwise.

Columns 73-80: These columns are reserved for regionally defined information.

Section B: Facility Data

This section is self-explanatory except for "Other Facility Data," which may include new information not in the permit or PCS (e.g., new outfalls, names of receiving waters, new ownership, other updates to the record, SIC/NAICS Codes, Latitude/Longitude).

Section C: Areas Evaluated During Inspection

Check only those areas evaluated by marking the appropriate box. Use Section D and additional sheets as necessary. Support the findings, as necessary, in a brief narrative report. Use the headings given on the report form (e.g., Permit, Records/Reports) when discussing the areas evaluated during the inspection.

Section D: Summary of Findings/Comments

Briefly summarize the inspection findings. This summary should abstract the pertinent inspection findings, not replace the narrative report. Reference a list of attachments, such as completed checklists taken from the NPDES Compliance Inspection Manuals and pretreatment guidance documents, including effluent data when sampling has been done. Use extra sheets as necessary.

*Footnote: In addition to the inspection types listed above under column 18, a state may continue to use the following wet weather and CAFO inspection types until the state is brought into ICIS-NPDES: K: CAFO, V: SSO, Y: CSO, W: Storm Water 9: MS4. States may also use the new wet weather, CAFO and MS4 inspections types shown in column 18 of this form. The EPA regions are required to use the new wet weather, CAFO, and MS4 inspection types for inspections with an inspection date (DTIN) on or after July 1, 2005.

Reconnaissance Inspection

Utah American Energy Inc., Andalex Tower Mine

UPDES Permit Number (UT0025674)

April 21, 2011

Facility Description

Location: Approximately 8 miles northeast of Price, Utah on Airport Road.
Coordinates: Outfall 001 (sed. pond) latitude 39°43'37" and longitude 110°43'18"
Outfall 002 (mine water) latitude 39°43'25" and longitude 110°43'18"
Outfall 003 (sed. Pond) latitude 39°43'25" and longitude 110°43'18"
Outfall 004 (mine water) latitude 39°42'10" and longitude 110°44'20".

Main Office: Mailing – P.O. Box 910, East Carbon, Utah 84520

Average flow: Approximately 1 MGD from 004, Outfalls 001 through 003 did not discharge when the mine was in operation.

Receiving Water: Deadman Canyon ephemeral drainage to Hayes Wash to Price River.

Description & Process: This facility was an underground coal mining operation. When in operation the primary discharge came from Outfall 004. The facility has been inactive since sometime in the summer of 2008. The mine portals have been sealed and there is no activity at the mine site.

Narrative

Mike Herkimer of the Division of Water Quality was granted access by Utah American Energy and met the guard at the guard shack. The inspector drove up the Canyon on the mine site and took pictures of various sites. While at the facility a storm blew through dropping hail and snow. The purpose was to review the facility on-site and look for any problems and familiarize the inspector with the site. Even with the storm there was no flow in Deadman Creek on the date of the inspection. Pictures of the mine are included at the end of this report. Because it has been years since the inspector has been on-site the sedimentation pond numbers may not be correct.

Deficiencies:
None

Corrective Action Required
None

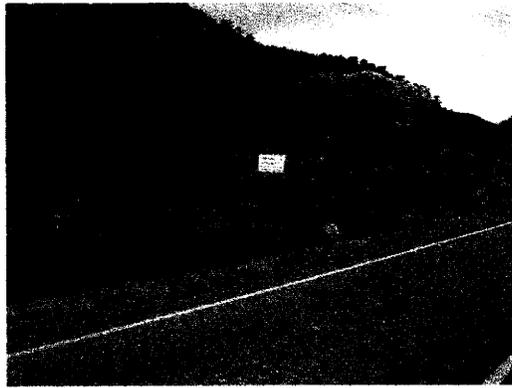


Photo #1 Sign at Entrance

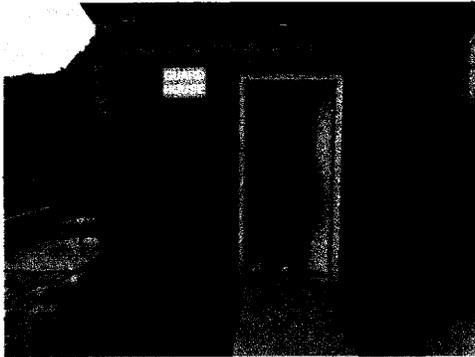


Photo #2 Guard Shack



Photo #3 Equipment Stored On-site

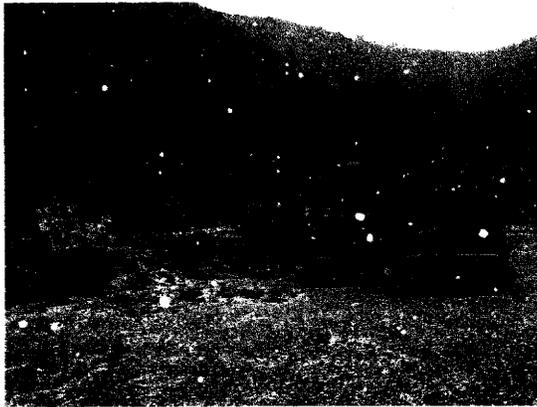


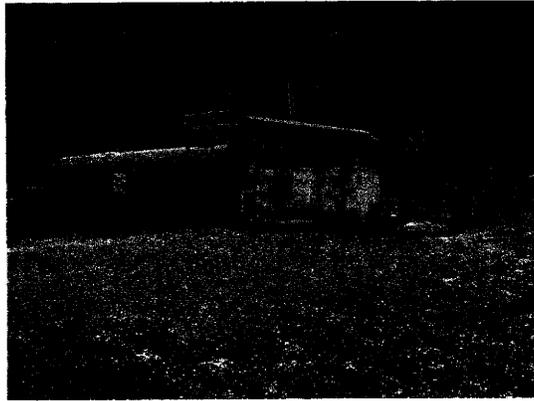
Photo #4 Equipment Stored On-site



Photo #5 Equipment Stored On-site



Photo #6 Material Stored On-site



Photo#7 Tanks Stored On-site



Photo#8 Sedimentation Pond Outfall 001



Photo #9 Same as Photo #8



Photo #10 Sedimentation Pond Outfall 003

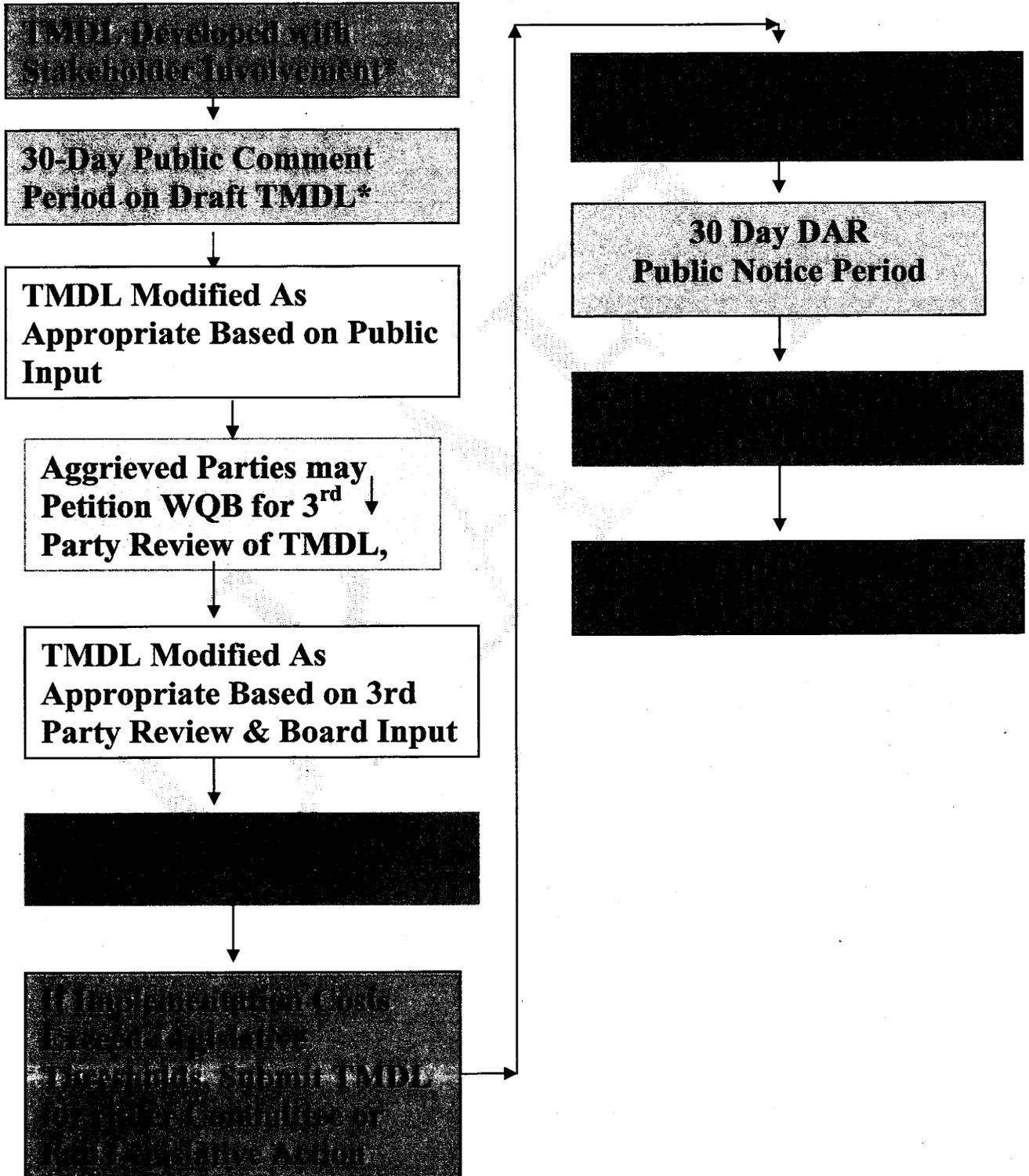


Photo #11 Same as Photo #10

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TMDL Process

(* EPA involved in these elements)



Location: Andalex Tower Mine

Date: 4/21/2011

Photo Log				
Photo Number	File Name (.jpg)	Description	Date/ Time	Photographer
1	-	Sign at Entrance	4/21	Mike Herkimer
2	-	Guard Shack	4/21	Mike Herkimer
3	-	Equipment stored on-site	4/21	Mike Herkimer
4	-	Equipment stored on-site	4/21	Mike Herkimer
5	-	Equipment stored on-site	4/21	Mike Herkimer
6	-	Material stored on-site	4/21	Mike Herkimer
7	-	Tanks stored on-site	4/21	Mike Herkimer
8	-	Sedimentation Pond outfall 001	4/21	Mike Herkimer
9	-	Same as photo #8	4/21	Mike Herkimer
10	-	Sedimentation Pond outfall 003	4/21	Mike Herkimer
11	-	Same as photo #10	4/21	Mike Herkimer

UTAH DWQ UPDES INSPECTION CHECK LIST PHOTO LOG SHEET