

OK



State of Utah

Department of
Environmental QualityRichard W. Spratt
Executive DirectorDIVISION OF WATER QUALITY
Walter L. Baker, P.E.
DirectorJON M. HUNTSMAN, JR.
GovernorGARY HERBERT
Lieutenant Governor

July 13, 2007

Mr. Dave Spillman, Technical Services Manager
Canyon Fuel Company, LLC - Dugout Mine
P.O. Box 1029
Wellington, Utah 84542

Spillman
 2/07/0018
 4/007/0034
 6/007/0039

Subject: Reconnaissance and Storm Water Inspections – UPDES
 Permit Nos. UT0025593 (Dugout Mine), UT0023680 (Soldier
 Creek Mine), and UTG040012 (Banning Loadout).

Dear Mr. Spillman:

On July 10, 2007 I met with you and Mr. Will Bohman and conducted reconnaissance and storm water inspections in regards to the UPDES Permit facilities referenced above. Specifically we discussed the current conditions at each facility and the iron exceedences at Dugout followed by a tour of each facility, including the outfalls, sediment basins, effluent discharges and receiving waters. As stated in the report, please continue your investigative efforts regarding the iron at Dugout and inform our offices with your findings.

Enclosed are copies of the inspection reports for your records. I appreciate the efforts of you and your staff to facilitate the inspections and keep me informed of the operations. If you have any questions, please contact me at (801) 538-6779 or by e-mail at jstudenka@utah.gov.

Sincerely,

Jeff Studenka, Environmental Scientist
 UPDES IES Section

Enclosures

cc (w/encl): Jennifer Meints, EPA Region VIII
 Claron Bjork, SE District Health Department
 Dave Ariotti, SE District Engineer
 Pam Grubaugh-Littig, Division of Oil Gas & Mines

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JUL 17 2007



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 5 9 3	yr/mo/day 0 7 0 7 1 0	Inspection Type R	Inspector S	Fac. Type 2
1	2	3	4	5	6
Remarks					
21					
Inspection Work Days 2	Facility Self-Monitoring Evaluation Rating 5	BI N	QA N	Reserved	
67	69	70	71	72	73 74 75 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) CANYON FUEL CO. DUGOUT CANYON MINE Up Nine Mile Canyon Road NE of Wellington, UT	Entry Time/ Date 10:00 / 7-10-2007	Permit Effective Date 12-1-2004
	Exit Time/ Date 13:00 / 7-10-2007	Permit Expiration Date 11-30-2009
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Will Bohman, Mine Engineer, (435) 636-2898 Dave Spillman, Manager of Technical Services, (435) 636-2872	Other Facility Data (e.g., SIC NAICS, and other descriptive information) Bituminous Coal Underground Mining Facility SIC Code 1222 NAICS 212112	
Name, Address of Responsible Official/Title/Phone and Fax Number Dave Spillman, Manager of Technical Services Canyon Fuel Company, LLC P.O. Box 1029 Wellington, UT 84542 (435) 636-2872	Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input checked="" 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 checked="" 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
<input type="text"/>	_____

Name(s) and Signature(s) of Inspector(s) Jeff Studenka	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6779	Date: 7-13-07
Name and Signature of Management Q A Reviewer Mike Herkimer, Manager UPDES IES Section	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 7/13/07

INSPECTION PROTOCOL

UPDES Permit #: UT0025593
Inspection Type: Reconnaissance Inspection
Inspection Date: July 10, 2007

Jeff Studenka of the Division of Water Quality (DWQ) met with Will Bohman and Dave Spillman at the Canyon Fuel Company Dugout Mine Facility. The purpose for the site visit was to perform a reconnaissance inspection and discuss the recent iron exceedences from April and June of 2007.

FACILITY DESCRIPTION

Location: Up Nine Mile Canyon Road, off Hwy. US 6 near Wellington, Utah.

Coordinates: Outfall 001 – 39° 41' 01" latitude, -110° 32' 44" longitude
Outfall 002 – 39° 40' 56" latitude, -110° 32' 52" longitude
Outfall 003 – 39° 41' 18" latitude, -110° 32' 29" longitude
Outfall 004 – 39° 36' 40" latitude, -110° 36' 43" longitude
Outfall 005 – 39° 40' 17" latitude, -110° 30' 29" longitude
Outfall 006 – 39° 40' 14" latitude, -110° 30' 32" longitude

Average Flow: ~1.1 MGD total

Receiving waters: Dugout Creek & Pace Canyon Creek → Grassy Trail Creek → Price River

Process: Active underground coal mining operation. Surface water runoff is conveyed to an above ground settling pond with a discharge point (Outfall 002) to Dugout Creek. The pond had recently been cleaned and far from full as conditions have been very dry this year. Continuous mine water discharge is pumped via outfalls 001 & 005, which at the time of the inspection were both discharging (001 to Dugout Creek and 005 to Pace Canyon). The mine water storage tank is regularly discharged via outfall 003, which was also discharging at the time of the inspection. Outfall 004 is from the dry waste rock pile area that has not discharged to date and outfall 006 is from a sediment trap culvert in Pace Canyon that was also dry.

INSPECTION SUMMARY

There were no deficiencies noted during the last inspection for follow up. This inspection was limited to the above ground mine facility operations where the water collection and distribution systems are exposed. A discussion regarding the iron exceedences, possible causes, and overall enforcement process was followed by a facility tour, where the sediment pond, outfall locations and receiving waters were observed. At the time of the inspection, the receiving stream of Pace Canyon was dry above outfall 005 and the discharge was mostly clear and flowing steady at 500 gpm with no apparent odor. Dugout Creek had very little upstream flow and the discharges from outfalls 001 & 003 appeared mostly clear, but both had a moderate sulfur odor and the receiving water of Dugout Creek immediately down stream of the mine was visibly more turbid with



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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 5 9 3	yr/mo/day 0 7 0 7 1 0	Inspection Type ~	Inspector S	Fac. Type 2
1	2	3	11	12	17
Remarks					
21					
Inspection Work Days 2	Facility Self-Monitoring Evaluation Rating 5	BI N	QA N	Reserved	
67	69	70	71	72	75 74 75 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) CANYON FUEL CO. DUGOUT CANYON MINE Up Nine Mile Canyon Road NE of Wellington, UT	Entry Time/ Date 10:00 / 7-10-2007	Permit Effective Date 12-1-2004
	Exit Time/ Date 13:00 / 7-10-2007	Permit Expiration Date 11-30-2009
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Will Bohman, Mine Engineer, (435) 636-2898 Dave Spillman, Manager of Technical Services, (435) 636-2872	Other Facility Data (e.g., SIC NAICS, and other descriptive information) Bituminous Coal Underground Mining Facility SIC Code 1222 NAICS 212112 SWPPP on site and last updated in April 2005.	
Name, Address of Responsible Official/Title/Phone and Fax Number Dave Spillman, Manager of Technical Services Canyon Fuel Company, LLC P.O. Box 1029 Wellington, UT 84542 (435) 636-2872	Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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

<input 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 type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water	
<input 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) Jeff Studenka 	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6779	Date: 7-13-07
Name and Signature of Management Q A Reviewer Mike Herkimer, Manager UPDES IES Section 	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 7/13/07



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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] [3] [6] [8] [0]	yr/mo/day [0] [7] [0] [7] [1] [0]	Inspection Type [R]	Inspector [S]	Fac. Type [2]
Remarks					
Inspection Work Days [] [2]	Facility Self-Monitoring Evaluation Rating [5]	BI [D]	QA [N]	Reserved	

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) CANYON FUEL CO. SOLDIER CREEK MINE Up Nine Mile Canyon Road NE of Wellington, UT	Entry Time/ Date 15:00 / 7-10-2007	Permit Effective Date 4-1-2006
	Exit Time/ Date 15:30 / 7-10-2007	Permit Expiration Date 3-31-2011
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Will Bohman, Mine Engineer, (435) 636-2898 Dave Spillman, Manager of Technical Services, (435) 636-2872	Other Facility Data (e.g., SIC NAICS, and other descriptive information) Bituminous Coal Underground Mining Facility SIC Code 1222 NAICS 212112 Non-discharging, inactive mine facility since July 1999.	
Name, Address of Responsible Official/Title/Phone and Fax Number Dave Spillman, Manager of Technical Services Canyon Fuel Company, LLC P.O. Box 1029 Wellington, UT 84542 (435) 636-2872	Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input checked="" 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	

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(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) Jeff Studenka <i>Jeff Studenka</i>	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6779	Date: 7-13-07
Name and Signature of Management Q A Reviewer Mike Herkimer, Manager UPDES IES Section <i>Mike Herkimer</i>	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 7/13/07

INSPECTION PROTOCOL

UPDES Permit #: UT0023680
Inspection Type: Reconnaissance Inspection
Inspection Date: July 10, 2007

Jeff Studenka of the Division of Water Quality (DWQ) visited the Canyon Fuel Company Soldier Creek Mine Facility. The purpose for the site visit was to perform a reconnaissance inspection while already in the area.

FACILITY DESCRIPTION

Location: 13 miles up Nine Mile Canyon Road, off Hwy. US 6 near Wellington, Utah

Coordinates: Outfall 001 – 39° 42' 02" latitude, -110° 36' 39" longitude
Outfall 002 – 39° 41' 52" latitude, -110° 36' 46" longitude
Outfall 003 – 39° 42' 09" latitude, -110° 36' 38" longitude

Average Flow: No discharges since 1999, inactive mine facility.

Receiving water: Soldier Creek → Price River

Process: Inactive underground coal mining operation. The mine portals are sealed and there is no discharge of mine water (Outfalls 001 & 003). Surface water is conveyed to an above ground settling pond with a discharge point (Outfall 002) to Soldier Creek.

INSPECTION SUMMARY

There were no deficiencies noted during the last inspection for follow up. This inspection was limited to outside the facility fencing where the water collection and distribution systems are exposed. The dry sediment pond, outfall locations and receiving waters were observed with no deficiencies. At the time of the inspection, the receiving stream of Soldier Creek was at very low flow. The Storm Water Pollution Prevention Plan was also reviewed and was last updated in November 2006.

DEFICIENCIES

No deficiencies with respect to the UPDES permit were noted during the inspection.

REQUIREMENTS

None.



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Washington, D.C. 20460

Water Compliance Inspection Report

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

Transaction Code N	NPDES UT 0023680	yr/mo/day 070710	Inspection Type S	Inspector S	Fac. Type 2
Remarks					
Inspection Work Days 1	Facility Self-Monitoring Evaluation Rating 5	BI D	QA N	Reserved	

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) CANYON FUEL CO. SOLDIER CREEK MINE Up Nine Mile Canyon Road NE of Wellington, UT	Entry Time/ Date 15:00 / 7-10-2007	Permit Effective Date 4-1-2006
	Exit Time/ Date 15:30 / 7-10-2007	Permit Expiration Date 3-31-2011
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Will Bohman, Mine Engineer, (435) 636-2898 Dave Spillman, Manager of Technical Services, (435) 636-2872	Other Facility Data (e.g., SIC NAICS, and other descriptive information) Bituminous Coal Underground Mining Facility SIC Code 1222 NAICS 212112 Non-discharging, inactive mine facility since July 1999.	
Name, Address of Responsible Official/Title/Phone and Fax Number Dave Spillman, Manager of Technical Services Canyon Fuel Company, LLC P.O. Box 1029 Wellington, UT 84542 (435) 636-2872	Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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

<input 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 type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water	
<input 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) Jeff Studenka	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6779	Date: 7-13-07
Name and Signature of Management Q A Reviewer Mike Herkimer, Manager UPDES IES Section	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 7/13/07



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 UTG040011	yr/mo/day 070710	Inspection Type R	Inspector S	Fac. Type 2
Remarks					
Inspection Work Days 1	Facility Self-Monitoring Evaluation Rating 5	BI N	QA N	Reserved	

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) CANYON FUEL CO. BANNING COAL RAIL LOADOUT FACILITY SW intersection of US 6 and Utah Hwy. 123 ~10 miles east of Wellington, UT	Entry Time/ Date 13:20 / 7-10-2007	Permit Effective Date 5-1-2003
	Exit Time/ Date 13:40 / 7-10-2007	Permit Expiration Date 4-30-2008
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Will Bohman, Mine Engineer, (435) 636-2898 Dave Spillman, Manager of Technical Services, (435) 636-2872	Other Facility Data (e.g., SIC NAICS, and other descriptive information) Former Coal Mining Services and Support Facility SIC Code 1241 NAICS 213113 Non-discharging, inactive facility since 2000. In the process of reclamation.	
Name, Address of Responsible Official/Title/Phone and Fax Number Dave Spillman, Manager of Technical Services Canyon Fuel Company, LLC P.O. Box 1029 Wellington, UT 84542 (435) 636-2872	Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input checked="" 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) Jeff Studenka	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6779	Date: 7-13-07
Name and Signature of Management Q A Reviewer Mike Herkimer, Manager UPDES IES Section	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 7/13/07

INSPECTION PROTOCOL

UPDES Permit #: UTG040011
Inspection Type: Reconnaissance Inspection
Inspection Date: July 10, 2007

Jeff Studenka of the Division of Water Quality (DWQ) visited the Canyon Fuel Company former Banning rail load out facility. The purpose for the site visit was to perform a reconnaissance inspection while already in the area.

FACILITY DESCRIPTION

Location: ~10 miles East of Wellington, Utah off Hwy. US 6 at the SW intersection of Utah Hwy. 123.

Coordinates: 39° 31' 00" latitude, -110° 34' 00" longitude

Average Flow: No discharges, inactive facility since 2000.

Receiving water: Unnamed Tributary → Grassy Trail Creek → Price River

Process: Inactive former rail car coal load out facility. Most of the load out equipment has been removed and the sediment pond and former fuel storage tank remain, both of which are empty. The facility is in the process of being reclaimed.

INSPECTION SUMMARY

There were no deficiencies noted during the last inspection for follow up. This inspection was limited to outside the facility gate. The dry sediment pond, outfall locations and dry receiving water streambed were observed with no deficiencies. The Storm Water Pollution Prevention Plan was also reviewed and was last updated in November 2006.

DEFICIENCIES

No deficiencies with respect to the UPDES permit were noted during the inspection.

REQUIREMENTS

None.



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 UTG 040011	yr/mo/day 070710	Inspection Type ~	Inspector S	Fac. Type 2
Remarks					
Inspection Work Days 1	Facility Self-Monitoring Evaluation Rating 5	BI N	QA N	Reserved	

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) CANYON FUEL CO. BANNING COAL RAIL LOADOUT FACILITY SW intersection of US 6 and Utah Hwy. 1 23 ~10 miles east of Wellington, UT	Entry Time/ Date 13:20 / 7-10-2007	Permit Effective Date 5-1-2003
	Exit Time/ Date 13:40 / 7-10-2007	Permit Expiration Date 4-30-2008
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Will Bohman, Mine Engineer, (435) 636-2898 Dave Spillman, Manager of Technical Services, (435) 636-2872	Other Facility Data (e.g., SIC NAICS, and other descriptive information) Former Coal Mining Services and Support Facility SIC Code 1241 NAICS 213113	
Name, Address of Responsible Official/Title/Phone and Fax Number Dave Spillman, Manager of Technical Services Canyon Fuel Company, LLC P.O. Box 1029 Wellington, UT 84542 (435) 636-2872	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Contacted	Non-discharging, inactive facility since 2000. In the process of reclamation. SWPPP on site and last updated November 2006.

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

<input 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 type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water	
<input 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) Jeff Studenka	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6779	Date: 7-13-07
Name and Signature of Management Q A Reviewer Mike Herkimer, Manager UPDES IES Section	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 7/13/07



State of Utah

Department of
Environmental Quality

Richard W. Sprott
Executive Director

DIVISION OF WATER QUALITY
Walter L. Baker, P.E.
Director

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

July 13, 2007

Mr. Dennis Ware, Environmental Coordinator
Plateau Mining Corp.
PO Box 30
Helper, Utah 84526

Subject: Reconnaissance Inspection – UPDES Permit No. UTG040012.

Dear Mr. Ware:

On July 11, 2007 I met with you and conducted a reconnaissance inspection in regards to the Willow Creek Mine and Crandall Canyon #2 Mine Shaft dewatering site and UPDES Permit No. UTG040012. Specifically we observed the subsided mine shaft and dewatering set-up operations, along with the outfall, newly constructed sediment basin, initial effluent discharge and receiving waters. No deficiencies were observed and no response is required at this time.

Enclosed is a copy of the inspection report for your records. I appreciate your efforts to keep me informed of the operations. If you have any questions, please contact me at (801) 538-6779 or by e-mail at jstudenka@utah.gov.

Sincerely,

Jeff Studenka, Environmental Scientist
UPDES IES Section

Enclosures

cc (w/encl): Jennifer Meints, EPA Region VIII
Claron Bjork, SE District Health Department
Dave Ariotti, SE District Engineer
Pam Grubaugh-Littig, Division of Oil Gas & Mines

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Washington, D.C. 20460

Water Compliance Inspection Report

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

Transaction Code N	NPDES U T G 0 4 0 0 1 2	yr/mo/day 0 7 0 7 1 1	Inspection Type R	Inspector S	Fac. Type 2
1	2	3	11	12	17
Remarks					
21					
Inspection Work Days 2	Facility Self-Monitoring Evaluation Rating 5	BI N	QA N	Reserved	
67	69	70	71	72	73 74 75 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) Plateau Mining Corp., Willow Creek Mine & Crandall Canyon Mine Shaft #2 Dewatering Project ~3 miles north of Helper, Utah off US 6 HWY, about 1 mile west from HWY.	Entry Time/ Date 11:30 / 7-11-2007	Permit Effective Date 5-1-2003
	Exit Time/ Date 14:00 / 7-11-2007	Permit Expiration Date 4-30-2008
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Dennis Ware, Environmental Coordinator Plateau Mining Corp., Willow Creek Mine (801) 472-4737	Other Facility Data (e.g., SIC NAICS, and other descriptive information) Inactive underground bituminous coal mining operation: SIC code 1222 NAICS No. 212112	
Name, Address of Responsible Official/Title/Phone and Fax Number Dennis Ware, Environmental Coordinator Plateau Mining Corp., Willow Creek Mine PO BOX 30 HELPER, UT 84526 (801) 472-4737	Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input checked="" 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 checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input checked="" 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) JEFF STUDENKA, ENVIRONMENTAL SCIENTIST <i>Jeff Studenka</i>	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6779	Date: 7-13-07
Name and Signature of Management Q A Reviewer MIKE HERKIMER, MANAGER UPDES IES SECTION <i>Mike Herkimer</i>	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 7/13/07

INSPECTION PROTOCOL

UPDES Permit #: UTG040012
Inspection Type: Reconnaissance Inspection
Inspection Date: July 11, 2007

Jeff Studenka of the Division of Water Quality (DWQ) met with Dennis Ware of Plateau Mining Corp. at the reclaimed Willow Creek Mine site in Crandall Canyon to perform an inspection during the #2 Mine Shaft dewatering event.

FACILITY DESCRIPTION

Location: ~3 miles north of Helper, UT off US 6 HWY, ~1 mile west of the HWY.
Coordinates: Outfall 016 (new discharge) lat. 39° 45' 06", long. 110° 54' 48"

Average Flow: ~300 gpm for 1-2 days only (Outfall 016), Zero discharge to date from Outfall 001.

Receiving water: Crandall Canyon drainage → Price River

Process: Former underground coal mining operation facility. The mining operations are no longer present and reclamation activities were completed several years ago. Outfall 001 remains on site as the sedimentation pond utilized to collect surface water runoff at the main office facility, which has recently been sold to the College of Eastern Utah. Outfall 016 was added to the existing UPDES general permit coverage, via a permit modification effective April 16, 2007, to provide for the temporary dewatering of the #2 Mine Shaft in Crandall Canyon, which subsided several hundred feet in November 2006 and subsequently filled with ground water. A pump was again placed into the mine shaft water column and was currently being pumped out at a rate of ~300 gpm and into the natural canyon drainage. Dewatering operations started around 1 pm this afternoon and are expected to continue until Friday morning, when most of the water will have been removed and the shaft can be safely backfilled and the area reclaimed once again.

INSPECTION SUMMARY

A site visit to the former mining facility on Willow Creek was followed by a visit to Crandall Canyon, which included observing the reclaimed areas of Crandall Canyon and the subsided vertical mine shaft with the temporary dewatering operations, newly constructed sediment pond, the effluent discharge and the receiving waters. The initial discharge water was observed to be mostly clear, with no odor or problems noted. There were no deficiencies observed during the inspection.

DEFICIENCIES

No deficiencies with respect to the UPDES permit were observed during the inspection.

REQUIREMENTS

None