

**FACT SHEET
ALTON COAL DEVELOPMENT, LLC
UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM (UPDES)
DISCHARGE PERMIT MODIFICATION
UPDES PERMIT NUMBER: UT0025992
MINOR INDUSTRIAL FACILITY**

FACILITY CONTACTS

Facility Contact: B. Kirk Nicholes
Position: Environmental Specialist
Phone: (435) 867-5331

DESCRIPTION OF FACILITY

Facility Name: Alton Coal Development, LLC – Coal Hollow Project
Mailing Address: 463 North 100 West, Suite 1
Cedar City, Utah 84721
Physical Location: 2060 South Alton Road, Alton, Utah

Standard Industrial
Classification (SIC): 1221 - *Bituminous Coal and Lignite Surface Mining*

The Alton Coal Development, LLC (ACD) operates the Coal Hollow Project Mine (Mine) located near the Town of Alton in Kane County, Utah. The ACD Mine includes the areas known as the South Private Lease and North Private Lease and is currently an inactive surface coal mine operation, but with previous mining areas that are in the ongoing process of reclamation. The ACD Mine has requested this permit modification which will update the Outfall inventory and location information as described herein and in the permit.

DESCRIPTION OF PERMIT MODIFICATIONS

The previous permit modification in 2022 included updating the location information for Outfalls 001-A & 002, along with more accurate location coordinates for existing Outfalls 003 & 004, as well as the removal of Outfalls 001-B, 005 & 006 from the permit. The Outfall removals were to reflect reclamation work that obviates the Outfall structures and therefore, no longer have the potential for discharges. However, since the 2022 permit modification, the location of Outfall 001-A never changed from its original location and Outfall 001-B was never removed from service as planned. Therefore, ACD Mine personnel have requested that these Outfalls and their respective location information be restored to the original descriptions and location information, as in the previous 2021 UPDES Permit. All other Outfalls and descriptions remain unchanged and correct as stated in the current permit.

The Outfall 001 changes, which includes both 001-A & 001-B, as updated below and reflected in this modified permit are the only changes being proposed with this permit modification that are subject to public comment during the public notice period. All other permit provisions remain unopened and unchanged, including all permit effluent limitations as appropriate.

DESCRIPTION OF DISCHARGE OUTFALLS

The discharge Outfalls in the permit have been updated and modified as follows:

<u>Outfalls</u>	<u>Description of Discharge Points</u>
001-A	Storm water runoff from sediment pond #1 to Lower Robinson Creek, Latitude 37° 24' 13" N, Longitude 112° 27' 13" W.
001-B	Storm water runoff from sediment pond #1B to Lower Robinson Creek, Latitude 37° 24' 11" N, Longitude 112° 27' 16" W.
002	Sediment pond #2F to an unnamed tributary of Lower Robinson Creek located at Latitude 37° 24' 7.51" N, Longitude 112° 27' 42.16" W.
003	Sediment pond #3 to Lower Robinson Creek located at Latitude 37° 23' 50.31" N, Longitude 112° 27' 52.40" W.
004	Sediment pond #4 to Sink Valley Wash located at Latitude 37° 23' 00.66" N, Longitude 112° 27' 07.21" W.
007	Sediment pond #7 to an unnamed tributary of Kanab Creek located at Latitude 37° 25' 13.95" N, Longitude 112° 28' 8.40" W.

EFFLUENT LIMITATIONS, SELF-MONITORING, AND REPORTING REQUIREMENTS

The effluent limitations and monitoring requirements for the permitted Outfalls remain unchanged in the permit as appropriate and with the only update being the re-inclusion of Outfall 001-B in the following permit tables:

Effluent Characteristics	Effluent Limitations a/				Monitoring Requirements	
	30 Day Average	7 Day Average	Daily Minimum	Daily Maximum	Sample Frequency	Sample Type
Flow, ¹ MGD b/	NA	² NA	NA	NA	Monthly	Measured
TSS, mg/L	NA	NA	NA	70	Monthly	Grab
Turbidity, NTU c/	NA	NA	NA	Report	Monthly	Grab

Total Iron, mg/L	NA	NA	NA	1.0	Monthly	Grab
Oil & Grease, mg/L d/	NA	NA	NA	10	Monthly	Grab
Oil and Grease, floating solids, visible foam, d/	NA	NA	NA	None	Monthly	Visual
pH, standard units	NA	NA	6.5	9.0	Monthly	Grab
Sanitary Waste e/	NA	NA	NA	None	Monthly	Visual
Total Selenium, mg/L	0.0046	NA	NA	0.020	Monthly	Grab
Boron mg/L	NA	NA	NA	0.75	Monthly	Grab
¹ MGD: million gallons per day ² NA: not applicable						

- a/ Samples collected in compliance with the monitoring requirements specified above shall be collected prior to mixing with the receiving water.
- b/ For intermittent discharges, the duration of the discharge shall also be reported.
- c/ Turbidity monitoring shall be conducted monthly whenever possible from all discharging Outfalls to ensure that there is not an increase of more than 10 NTU over the receiving waters, if applicable.
- d/ In addition to monthly sampling for oil and grease, a visual inspection for oil and grease, floating solids, and visible foam shall be performed at least monthly. There shall be no sheen, floating solids, or visible foam in other than trace amounts. If sheen is observed, a sample of the effluent shall be collected immediately thereafter and oil and grease shall not exceed 10 mg/L in concentration
- e/ There shall be no discharge of sanitary waste.

Specific Effluent limitations for Total Dissolved Solids. The following effluent limitations will apply to Total Dissolved Solids.

Effluent Characteristics	Effluent Limitations /a				Monitoring Requirements	
	30 Day Average	7 Day Average	Daily Minimum	Daily Maximum	Sample Frequency	Sample Type
TDS lbs/day f/	NA	NA	NA	2,000	Monthly	Grab
Outfalls 001-A, 001-B, 002, 003, 004						
TDS mg/L Irrigation Season (April – November)	NA	NA	NA	1,900	Monthly	Grab
Non-Irrigation Season (December – March)				1,700		
Outfall 007						
TDS mg/L Irrigation Season (April – November)	NA	NA	NA	1,400	Monthly	Grab
Non-Irrigation Season (December – March)				1,200		

- a/ Samples collected in compliance with the monitoring requirements specified above shall be collected prior to mixing with the receiving water.
- f/ A limit of one ton per day (2,000 lbs per day) or 366 tons per year as a sum from all discharge points is required of the permittee, unless a concentration of 500 mg/L or less is achieved at all discharge points. If 500 mg/L or less is achieved at all discharge points, then no loading limit applies. If the permittee cannot achieve the 500 mg/L concentration requirement, or the one ton per day or 366 tons per year loading limit, then the permittee will be required to remove salinity/TDS in excess of one ton per day or 366 tons per year by developing a treatment process, participating in a salinity off-set program, or developing some type of mechanism to remove the salinity/TDS. The selection of a salinity control method, if needed, must be approved by the Director of the Division of Water Quality and implemented within one year of that approval.

PERMIT DURATION

This modified permit shall be effective for the remainder of the five (5) year permit cycle, which is set to expire at midnight on July 31, 2026.

Drafted by
Jeff Studenka, Environmental Scientist
Utah Division of Water Quality
(801) 536-4300

PUBLIC NOTICE INFORMATION (to be updated after)

Began: Month Day, Year
Ended: Month Day, Year

Comments will be received at: 195 North 1950 West
PO Box 144870
Salt Lake City, UT 84114-4870

The Public Notice of the draft modified permit was published on the State of Utah and/or DWQ websites for at least 30 days as required.

During the public comment period provided under UAC R317-8-6.5, any interested person may submit written comments on the draft permit and may request a public hearing, if no hearing has already been scheduled. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. All comments will be considered in making the final decision and shall be answered as provided in UAC R317-8-6.12.

ADDENDUM TO FACT SHEET

During finalization of the permit certain dates, spelling edits and minor language corrections were completed. Due to the nature of these changes, they are considered minor changes and the permit is not required to be re-Public Noticed as provided in UAC R317-8-5.6(3)

Responsiveness Summary

(If applicable, explain any comments received and response sent. Actual letters can be referenced, but not required to be included).

DWQ-2025-006208