

April 13, 2015

Permit Supervisor, Utah Coal Regulatory Program
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

Re: Clean Copies of Violation Response, Task ID No. 4798, Sufco Mine, Canyon Fuel Company, LLC,
Permit Number C/041/0002

Dear Sirs:

Please find enclosed with this letter clean copies of the amendment to the Sufco Mine Permit related to the response to violations. We have included two copies of the text and of the figure associated with this amendment.

If you have questions or need addition information please contact Vicky Miller at (435)286-4481.

CANYON FUEL COMPANY, SUFCO Mine



Kenneth May
General Manager

Encl.

cc: DOGM Correspondence File

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Canyon Fuel Company, LLC

Mine: Sufco Mine

Permit Number: C/041/0002

Title: Clean Copies of Violation Response, Task ID No 4798

Description, Include reason for application and timing required to implement:

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- | | |
|---|---|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Is the application submitted as a result of a Division Order? DO# _____ |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 4. Does the application include operations in hydrologic basins other than as currently approved? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. Does the application require or include public notice publication? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 7. Does the application require or include ownership, control, right-of-entry, or compliance information? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 9. Is the application submitted as a result of a Violation? NOV # <u>vacated 13148 and vacated 13150</u> |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies?
<i>Explain:</i> _____ |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 11. Does the application affect the surface landowner or change the post mining land use? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. Does the application require or include collection and reporting of any baseline information? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 15. Does the application require or include soil removal, storage or placement? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 16. Does the application require or include vegetation monitoring, removal or revegetation activities? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 17. Does the application require or include construction, modification, or removal of surface facilities? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 18. Does the application require or include water monitoring, sediment or drainage control measures? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 19. Does the application require or include certified designs, maps or calculation? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 20. Does the application require or include subsidence control or monitoring? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 23. Does the application affect permits issued by other agencies or permits issued to other entities? |

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Kenneth E. May
Print Name

Kenneth E. May 4/12/15
Sign Name, Position, Date

Subscribed and sworn to before me this 13th day of April, 2015

Jill White
Notary Public

My commission Expires: 3/28, 2016

Attest: State of Utah } ss:
County of Sevier



For Office Use Only: 	Assigned Tracking Number: 	Received by Oil, Gas & Mining
---	--	--

VOLUME 3
WASTE ROCK DISPOSAL SITE

PART 3 OPERATION PLAN

3.1 Development Plan

3.1.1 Runoff Control

Based on the size, configuration, and open graded structure of the waste rock fill and its location at the site, no underdrains or rock core chimney drains will be required. There were no springs or seeps within the proposed fill area at the time of the investigation which would require special treatment.

All surface precipitation falling directly on and infiltrating the underground development waste fill shall be channeled to a sedimentation pond located down gradient from the toe of the disposal area fill. The pad area where active occurs will have a berm constructed around the outside edge about 2 ft high to comply with MSHA requirements. This active pad will be sloped at about 2% to the east and south. If, during the placement of development waste a portion of the surface cannot immediately be configured to drain at the proper slope and direction and runoff become ponded, the ponded runoff will be pumped to the appropriate interception ditch/sediment pond as soon as possible. Alternatively a portion of the pad surface may be graded to temporarily form a swale-like structure to convey the runoff to the interception ditch/sediment pond. Thus precipitation falling on the pad will drain to the southeast corner where it will be routed down the slope of the fill. in an interception ditch with a trapezoidal cross section. The bottom width of the ditch will be 2 ft with 1v:2h side slopes. Riprap with a D_{50} of 10 inches will be used to line the ditch. This ditch will be a minimum of 0.7 ft deep, such that it can convey the 100 year, 6 hour event with 0.5 ft freeboard. This configuration will not allow any impounding of water on the surface of the fill. Another interception ditch will be cut about 20 ft to the west of the active fill slope. This ditch will have a triangular cross section with 1v:2h side slopes with a minimum depth of 0.9 ft. This interception ditch will route 100 year, 6 hour runoff to Ditch No. 2 which empties into the sedimentation pond. Designs for these temporary interception ditches are in Appendix III, Engineering Calculations. The sedimentation pond is designed to handle the 10 year, 24 hour precipitation event. Design criteria for the sedimentation pond are presented in Section 2.4.2.

All Surface drainage from the areas above the site should be diverted around the disposal area. from the point where it enters the site through the roadway embankment culverts. Surface drainage from the county road above the site must be controlled by a shoulder ditch and

INCORPORATED

APR 15 2015

To prevent erosion, the interior and exterior slopes were vegetated. in accordance with the recommendation presented in Section 5.3.3 of the SHB report.

Rip-rap conforms to the following gradation:

Size, Inches	Percent Passing
18	100
9	45-35
4	15-0

Rip-rap is hard, durable, and free from rocks having a maximum dimension three or more times greater than the minimum dimension of the particle.

Prior to rip-rap placement, a filter fabric such as Phillips 66 SUPAC 5NP, Mirafi 140N, Dupont TYPAR 3401 or an approved equivalent, was placed on the prepared soil surface to prevent erosion and undermining of the rip-rap. A sand or 3/4 inch road base blanket could also be placed over the fabric to protect it from punctures during rip-rap placement.

3.2.4 Topsoil Handling

After vegetative matter has been removed from the site, topsoil shall be removed and stockpiled, and properly protected for future reclamation purposes. The topsoil storage piles will be located on site and will be protected as necessary with silt fences to help prevent erosion of the topsoil. The topsoil that is expected to be stored for less than two years, will not be revegetated.

The sediment pond topsoil stockpile will be revegetated with the grasses and forbs of the standard seed mix to help control erosion. A berm that will contain a 10 year, 24 hour precipitation event was built around the sediment pond topsoil pile. This stockpile will have runoff controlled by alternate sediment controls as described above. This stockpile is designated as an Alternate Sediment Control Area (ASCA).

The in-place topsoil/growth medium located between the south end of the No. 5 refuse pile expansion and the sediment pond is protected by existing berms except on a portion of the south eastern edge which allows storm runoff from the topsoil/growth medium area to report to the sediment pond. During future expansion of the waste rock site, this topsoil/growth medium will be collected and placed in a stockpile, if not redistributed on a regraded area during contemporaneous reclamation.

Canyon Fuel Company, LLC
Sufco Mine

Mining and Reclamation Plan

Waste Rock Disposal Site
Appendix V
Soils Report

INCORPORATED

APR 15 2015

Div. of Oil, Gas & Mining

Waste Rock Disposal Site Appendix V

Photographs of Waste Rock #5 Cell Expansion

September 26, 2014

October 24, 2014

November 13, 2014

December 16, 2014

Illustrating Abatement for NOV 13148(a)

INCORPORATED

APR 15 2015

Div. of Oil, Gas & Mining



Photo taken 9/26/2014 of Sufco's Waste Rock #5 Cell Expansion, Southwest corner, looking West. No water in cell at time of photo.

INCORPORATED

APR 15 2015

Div. of Oil, Gas & Mining

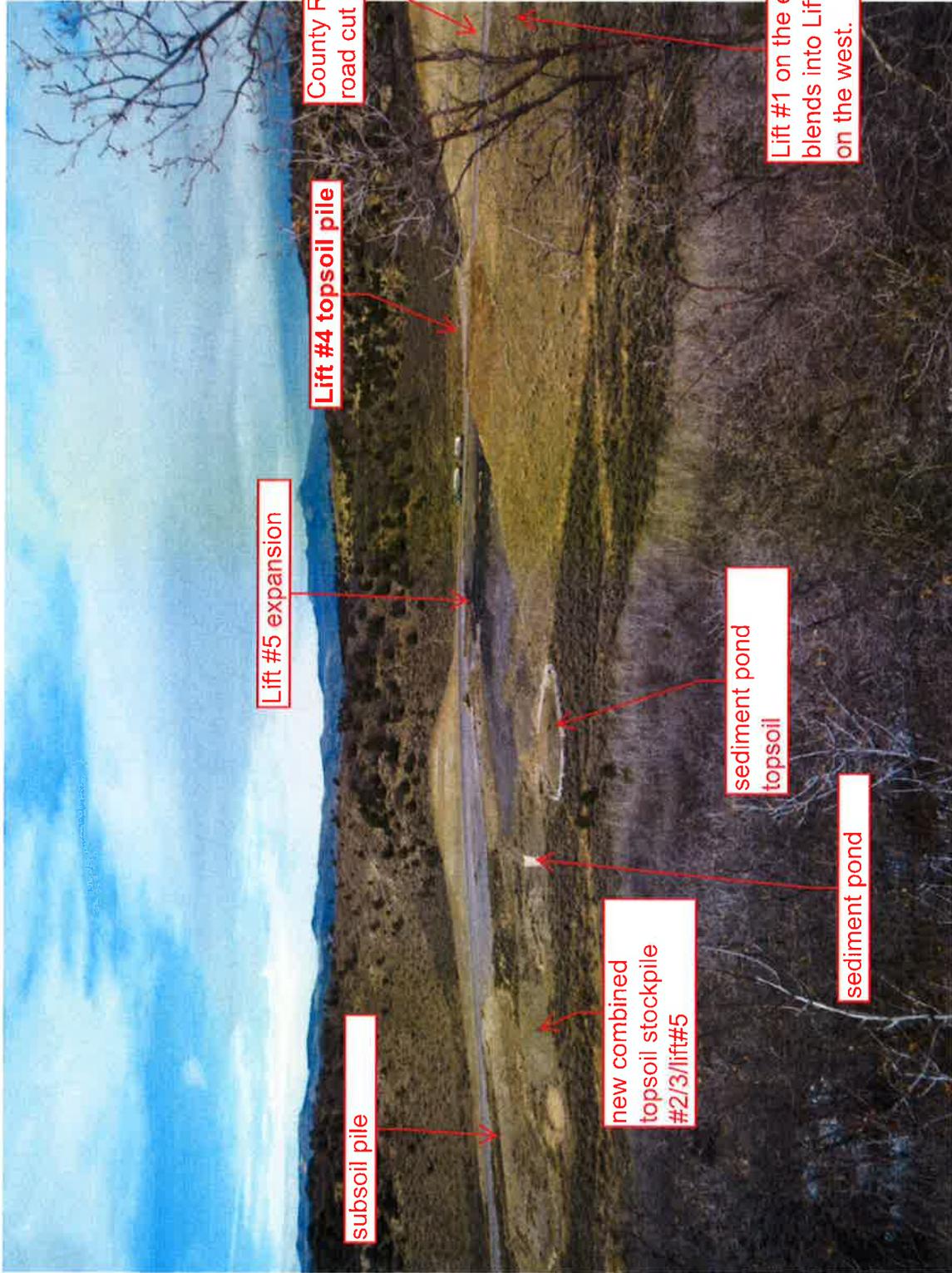


Photo taken 10/24/2014 of Sufco's Waste Rock #5 Cell Expansion, Southwest corner, looking Southeast. No water in cell at time of photo.

INCORPORATED

APR 15 2015

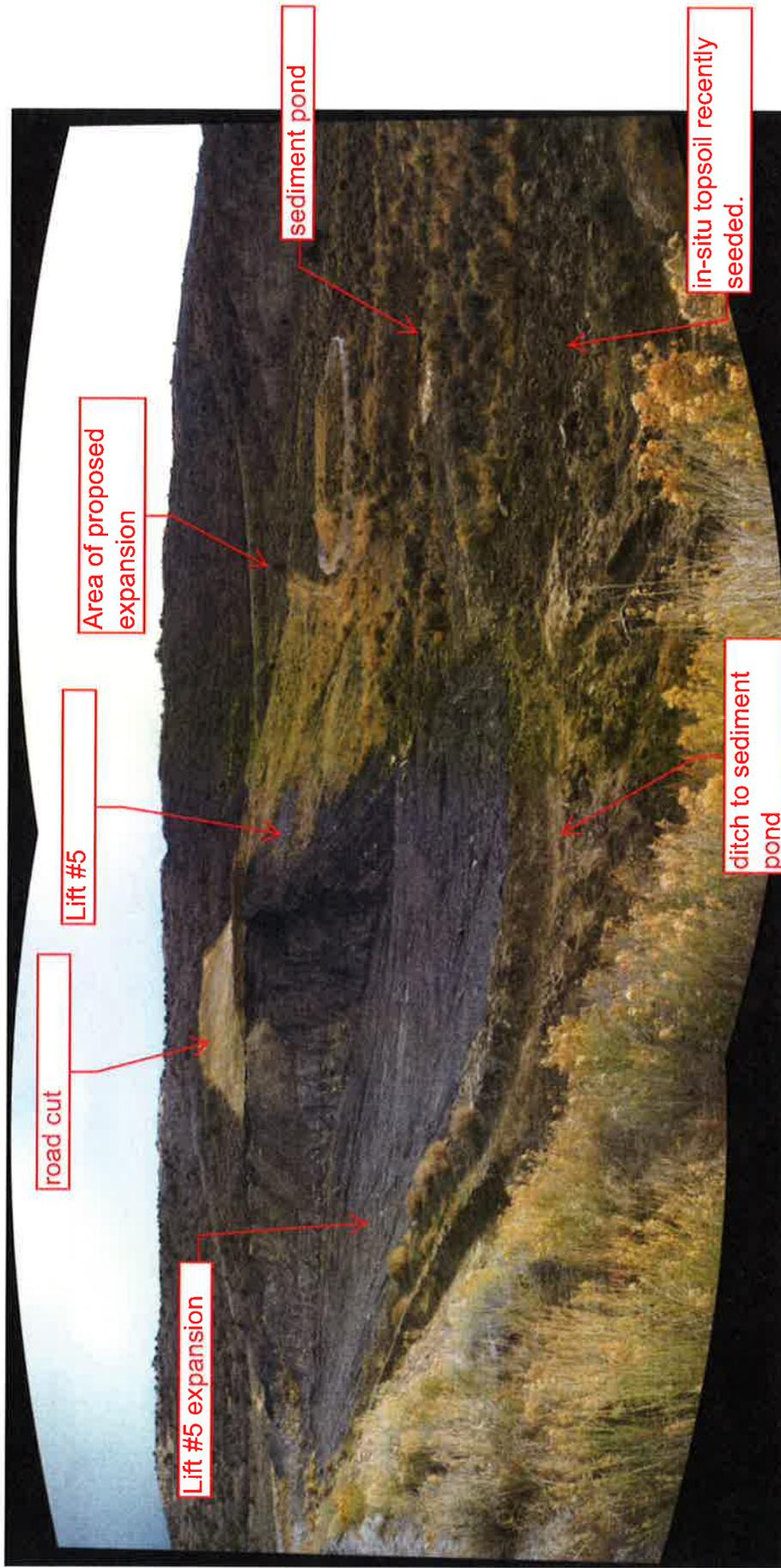
Div. of Oil, Gas & Mining



Looking west at the SUFCO waste rock site.

INCORPORATED

APR 15 2015



Looking east at the Lift #5 expansion area on left. Fenced circular Sediment pond topsoil pile on right.



Photo taken 12/16/2014 of Sufco's Waste Rock #5 Cell Expansion, Southwest Corner and Southern end, looking East. No water in cell at time of photo.

INCORPORATED

APR 15 2015

Div. of Oil, Gas & Mining

Canyon Fuel Company, LLC

Mining and Reclamation Plan

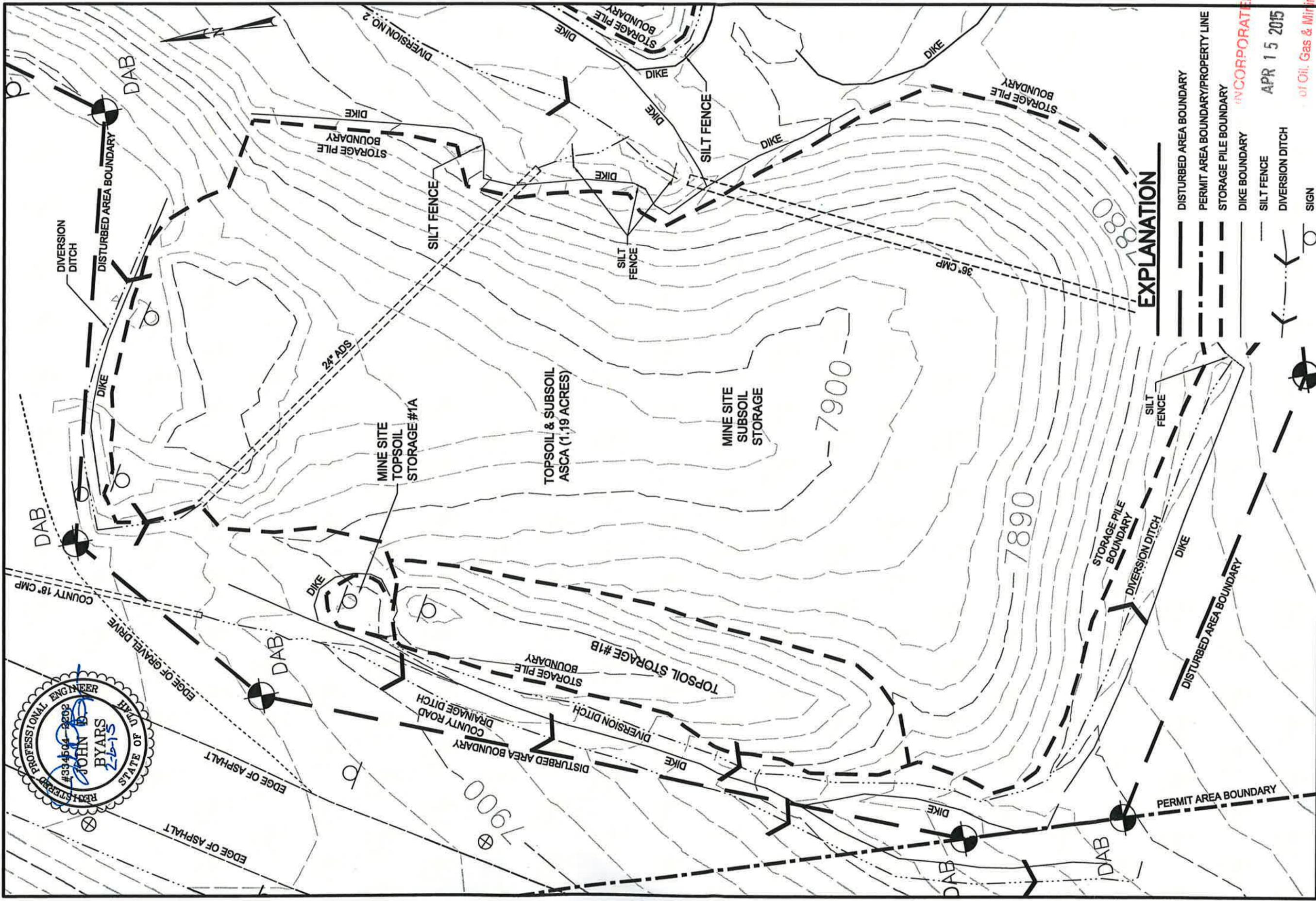
Sufco Mine

Waste Rock Disposal Site
Map of Topsoil Piles 1A & 1B
@ 1" = 25'

INCORPORATED

APR 15 2015

Div. of Oil, Gas & Mining



EXPLANATION

- DISTURBED AREA BOUNDARY
- PERMIT AREA BOUNDARY/PROPERTY LINE
- STORAGE PILE BOUNDARY
- DIKE BOUNDARY
- SILT FENCE
- DIVERSION DITCH
- SIGN

INCORPORATED
APR 15 2015
of Oil, Gas & Mining



Canyon Fuel Company, LLC
SUFCO Mine
 597 South SR 24 - Salina, UT 84654
 (435) 286-4880 Phone
 (435) 286-4499 Fax

SUFCO WASTE DISPOSAL SITE		SHEET NO.
MINE SITE SALVAGED SOIL PILES		APPENDIX V
SCALE: 1" = 25'	DATE: 12/18/2014	DRAWN BY: T.R.B.
ENGINEER: J.D.B.	CHECKED BY: V.L.M.	PROJ: ###
FILE NAME: H:\DRAWINGS\MRP\PLATES\WRDS_APP_5_FIG1.dwg		

SUFCO WASTE DISPOSAL SITE
 APPENDIX V
 FIGURE 1