

September 20, 2019

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: Phase 3,4 Construction Amendment: Additional Information, Canyon Fuel Company, LLC, Sufco Mine, Sufco Waste Rock Site, Permit Number C/041/0002

Dear Sirs,

During the construction of phase 3 and 4 of the Sufco Waste Rock Site composite samples were taken of the salvaged top soil in each phase. Attached is lab data associated with the composite samples as required by the division. Two clean copies for this additional information are attached to this letter.

If you have questions or need additional information, please contact Bryant Bunnell at (435) 286-4490.

Regards,



Bryant Bunnell
Environmental Engineer

Canyon Fuel Company, LLC
SUFco Mine
P: (435) 286 – 4490
E: bbunnell@wolverinefuels.com

Encl.

cc: DOGM Correspondence File

RECEIVED

SEP 23 2019

DIV OF OIL, GAS & MINING

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Canyon Fuel Company, LLC

Mine: Sufco Mine, WRS

Permit Number: C/041/0002

Title: WRS As-Built: Amendment: Additional Information

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.

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

Please attach one (1) review copy of the application.

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.

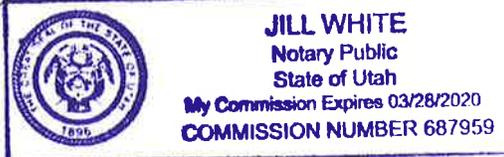
Jacob Smith _____ Engineering Manager, 9/20/19
 Print Name Sign Name, Position, Date

Subscribed and sworn to before me this 20th day of September, 2019

Jill White _____
 Notary Public

My commission Expires: 3/28, 2020

Attest: State of Utah ; ss: County of Sevier



For Office Use Only:	Assigned Tracking Number:	Received by Oil, Gas & Mining RECEIVED SEP 23 2019 DIV OF OIL, GAS & MINING
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Phase 3, 4 Construction
Top Soil Composite Sample Lab Data

INCORPORATED

OCT 03 2019

Div. of Oil, Gas & Mining



Inter-Mountain Labs

1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Environmental Monitoring Partner

Soil Analysis Report

Canyon Fuel Company, LLC.

397 South 800 West

Salina, UT 84654

Report ID: S1906351001

Project: WRS Sampling

Date Received: 6/20/2019

Date Reported: 6/28/2019

Work Order: S1906351

Lab ID	Sample ID	Sand			Very Fine		Phosphorus	Nitrate(as N)	Potassium
		%	Silt	Clay	Sand	ppm			
S1906351-001	Phase 3 Comp	52.0	31.0	17.0	Sandy Loam	21.4	14	25.4	0.79
S1906351-002	Phase 4 Comp	47.0	34.0	19.0	Loam	19.7	13	32.0	0.77

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These results apply only to the samples tested.

Abbreviations for extractants: PE = Saturated Paste Extract, H2Osol = water soluble, AB-DTPA = Ammonium Bicarbonate-DTPA, AAO = Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S. = Total Sulfur, AB = Acid Base, ABP = Acid Base Potential, PyrS = Pyritic Sulfur, Pyr+Org = Pyritic Sulfur + Organic Sulfur, Neutral, Pot = Neutralization Potential
Miscellaneous Abbreviations: SAR = Sodium Adsorption Ratio, CEC = Cation Exchange Capacity, ESP = Exchangeable Sodium Percentage, TOC = Total Organic Carbon

Reviewed by: Karen A. Secor
aren Secor, Soil Lab Supervisor