

0013

C/007/045 Incoming
CC: Steve C.



#3420

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November 6, 2009

Mr. Daron Haddock, Environmental Manager
Coal Regulatory Program
Utah Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

**RE: Wellington Dry Coal Cleaning Facility Application
COVOL Engineered Fuels, LC
Permit No. C/007/0045**

Dear Mr. Haddock:

Covol Engineered Fuels, LC (Covol) is submitting the analytical data from the groundwater sampling conducted at Covol's Wellington, Utah facility. As required in Section 7.3.2 in Mine Permit C/007/0045, Covol installed a groundwater monitoring well and collected one sample per quarter for four quarters. The final sample was collected on September 23, 2009. Enclosed is a revised Table 7-1 that has been updated with the results from the final sample.

If you have any questions regarding the analytical results or Table 7-1, please call me at (801) 984-3770.

Sincerely,

A handwritten signature in cursive script that reads "Gina Rau".

Gina Rau
Environmental Manager

10653 S. River Front Parkway
Suite 300
South Jordan, UT 84095
P: 801.984.9400
F: 801.984.9410

RECEIVED
NOV 11 2009
DIV. OF OIL, GAS & MINING

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: COVOL Engineered Fuels, LC

Mine: Wellington Dry Coal Cleaning Facility

Permit Number: C/007/0045

Title: Submittal of analytical results from groundwater samples

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

Submittal of analytical results from the four groundwater sampling events as required by Section 7.2.3.

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 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.

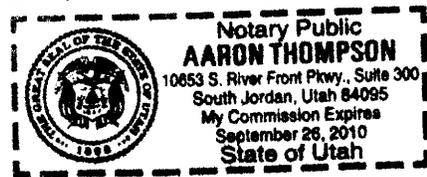
John R Shaal
Print Name

John R Shaal, VP, Nov 6, 2009
Sign Name, Position, Date

Subscribed and sworn to before me this 6 day of November, 2009

Aaron Thompson
Notary Public

My commission Expires: Sept. 26, 2010
Attest: State of Utah } ss:
County of Salt Lake



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

TABLE 7-1

Results of Groundwater Analyses,
 COVOL Monitoring Well

Parameter	Dated Sampled			
	24 Dec 2008	17 Mar 2009	15 Jun 2009	23 Sep 2009
Field Analyses (units as indicated)				
Depth to water (ft) ^(a)	12.00	12.01	12.53	12.54
Temperature (°C)	12.1	11.0	15.7	17.1
pH (std units)	7.40	7.13	6.71	6.90
Specific conductance (mS)	9,900	--	9,370	9,990
Laboratory Analyses (mg/L)				
Bicarbonate as CaCO ₃	270	270	260	280
Calcium	390	370	390	410
Carbonate as CaCO ₃	<10	<10	<10	<10
Chloride	84	68	66	75
Iron, dissolved	<0.050	<0.050	0.97	0.92
Iron, total	300	5.6	0.27	5.6
Magnesium	270	270	260	270
Manganese, dissolved	0.57	0.60	0.58	0.50
Manganese, total	3.9	0.75	0.58	0.50
Nitrate/Nitrite as N	0.34	0.015	0.41	0.036
Potassium	36	26	28	29
Sodium	1,900	2,000	2,000	2,200
Sulfate	5,700	5,600	5,500	6,100
Total dissolved solids	11,000	8,900	8,800	8,400

^(a) Measured as depth from ground surface