

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

11416
Pit, Below-Grade Tank, or
Proposed Alternative Method Permit or Closure Plan Application

- Type of action: Below grade tank registration
 Permit of a pit or proposed alternative method
 Closure of a pit, below-grade tank, or proposed alternative method
 Modification to an existing permit/or registration
 Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: CBM Partners Corporation OGRID #: 271017
Address: PO Box 27, Flora Vista, NM 87415
Facility or well name: Smyslov H #2
API Number: 30-043-21106 OCD Permit Number: _____
U/L or Qtr/Qtr 1 Section 21 Township 20N Range 03W County: Sandoval
Center of Proposed Design: Latitude 35.94668 °N Longitude 107.15078 °W NAD: 1927 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment

2.
 Pit: Subsection F, G or J of 19.15.17.11 NMAC
Temporary: Drilling Workover
 Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling Fluid yes no
 Lined Unlined Liner type: Thickness 20 mil LLDPE HDPE PVC Other _____
 String-Reinforced
Liner Seams: Welded Factory Other _____ Volume: 7,000 bbl Dimensions: L 140' x W 70' x D 5'

RCVD SEP 26 '13
OIL CONS. DIV.
DIST. 3

2.
 Pit: Subsection F, G or J of 19.15.17.11 NMAC
Temporary: Drilling Workover
 Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling Fluid yes no
 Lined Unlined Liner type: Thickness _____ mil LLDPE HDPE PVC Other _____
 String-Reinforced
Liner Seams: Welded Factory Other _____ Volume: _____ bbl Dimensions: L _____ x W _____ x D _____

3.
 Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume: _____ bbl Type of fluid: _____

4.
 Alternative Method:
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Fencing: Subsection D of 19.15.17.11 NMAC (*Applies to permanent pits, temporary pits, and below-grade tanks*)

- Chain link, six feet in height, two strands of barbed wire at top (*Required if located within 1000 feet of a permanent residence, school, hospital, institution or church*)
- Four foot height, four strands of barbed wire evenly spaced between one and four feet
- Alternate. Please specify _____

Tank Construction material: _____

- Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
- Visible sidewalls and liner Visible sidewalls only Other _____
- Liner type: Thickness _____ mil HDPE PVC Other _____

6.

Netting: Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

- Screen Netting Other _____
- Monthly inspections (If netting or screening is not physically feasible)

7.

Signs: Subsection C of 19.15.17.11 NMAC

- 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- Signed in compliance with 19.15.16.8 NMAC

8.

Variations and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

- Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.
- Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: *The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.*

General siting

Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.

- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

Yes No
 NA

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

Yes No
 NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)**

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

Yes No

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)**

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

Yes No

Within an unstable area. **(Does not apply to below grade tanks)**

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

Yes No

Within a 100-year floodplain. **(Does not apply to below grade tanks)**

- FEMA map

Yes No

Below Grade Tanks

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

Yes No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Yes No

Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)

- Topographic map; Visual inspection (certification) of the proposed site

Yes No

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

Yes No

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300 feet of any other fresh water well or spring, in existence at the time of the initial application.

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Yes No

Within 100 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

Yes No

Temporary Pit Non-low chloride drilling fluid

Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

Yes No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

Yes No

Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Yes No

Within 300 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

Yes No

Permanent Pit or Multi-Well Fluid Management Pit

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

Yes No

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

Yes No

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of

initial application.

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Yes No

Within 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

Yes No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- A List of wells with approved application for permit to drill associated with the pit.
- Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
- Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Climatological Factors Assessment
- Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- Quality Control/Quality Assurance Construction and Installation Plan

- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Nuisance or Hazardous Odors, including H₂S, Prevention Plan
- Emergency Response Plan
- Oil Field Waste Stream Characterization
- Monitoring and Inspection Plan
- Erosion Control Plan
- Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC

Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

- Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well Fluid Management Pit
 Alternative
- Proposed Closure Method: Waste Excavation and Removal
 Waste Removal (Closed-loop systems only)
 On-site Closure Method (Only for temporary pits and closed-loop systems)
 In-place Burial On-site Trench Burial
 Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC

Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

- | | |
|--|--|
| <p>Ground water is less than 25 feet below the bottom of the buried waste.
 - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No
 <input type="checkbox"/> NA</p> |
| <p>Ground water is between 25-50 feet below the bottom of the buried waste
 - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No
 <input type="checkbox"/> NA</p> |
| <p>Ground water is more than 100 feet below the bottom of the buried waste.
 - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No
 <input type="checkbox"/> NA</p> |
| <p>Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).
 - Topographic map; Visual inspection (certification) of the proposed site</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.
 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application.
 - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>Written confirmation or verification from the municipality; Written approval obtained from the municipality</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>Within 300 feet of a wetland.
 US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.
 - Written confirmation or verification from the municipality; Written approval obtained from the municipality</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>Within the area overlying a subsurface mine.
 - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>Within an unstable area.
 - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>Within a 100-year floodplain.
 - FEMA map</p> | <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> |

16. **On-Site Closure Plan Checklist:** (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17. **Operator Application Certification:**

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): Tom Blair Title: Corporate Secretary

Signature: Tom Blair Date: September 18, 2013

e-mail address: t.blair@cbmpartners.com Telephone: (505) 320-4453

18. **OCD Approval:** Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)

OCD Representative Signature: Ignacio D. Kelly Approval Date: 10/04/2013

Title: Compliance Officer OCD Permit Number: _____

19. **Closure Report (required within 60 days of closure completion):** 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

Closure Completion Date: August 22, 2013

20. **Closure Method:**

- Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)
- If different from approved plan, please explain.

21. **Closure Report Attachment Checklist:** *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

- Proof of Closure Notice (surface owner and division)
- Proof of Deed Notice (required for on-site closure for private land only)
- Plot Plan (for on-site closures and temporary pits)
- Confirmation Sampling Analytical Results (if applicable)
- Waste Material Sampling Analytical Results (required for on-site closure)
- Disposal Facility Name and Permit Number
- Soil Backfilling and Cover Installation
- Re-vegetation Application Rates and Seeding Technique
- Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 35.9466 °N Longitude 107.15078 °W NAD: 1927 1983

22. **Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Tom Blair Title: Corporate Secretary

Signature: Tom Blair Date: September 18, 2013

e-mail address: t.blair@cbmpartners.com Telephone: (505) 320-4453

Tom Blair

From: Tom Blair [tomcblair@comcast.net]
Sent: Wednesday, July 31, 2013 11:43:52 AM
To: Brandon Powell, Jonathan Kelly, Lucas Vargo
Cc: Tom Mullins
Subject: Smyslov H #2 Pit Closure

All,

This is to follow up my phone message and call earlier this morning. The closure of the Smyslov H #2 pit, and location, and deep trench burial on the Smyslov H #1 is scheduled to commence on Monday, August 12, 2013. The contractor doing the work is Robert Bridge w/ B & B Vac Services in Regina NM. He can be contacted at (575) 289-4048 or his cell (505) 249-6942.

Please let me know if you have any questions or need additional information.

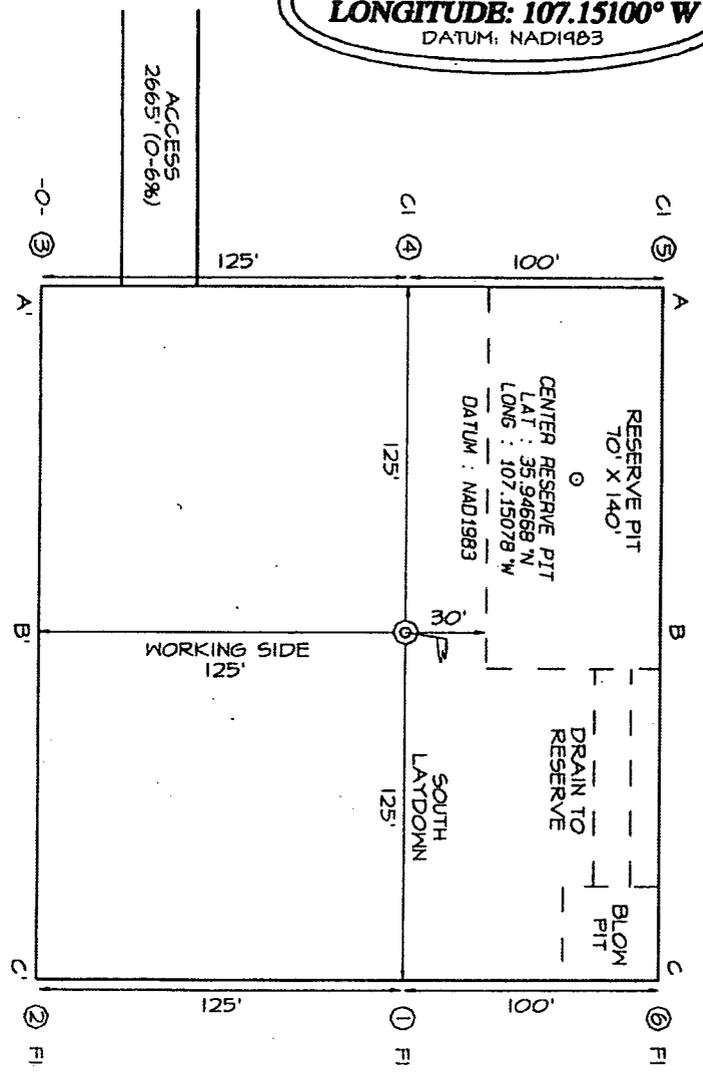
Thank you,

Tom Blair

CBM Partners Corporation
P.O. Box 27
Flora Vista, NM 87415
(505) 320-4453

**CBM PARTNERS CORPORATION, AMYLOV H #2
1700' FSL & 660' FHL, SECTION 21, T20N, R3W, NMPM
SANDOVAL COUNTY, NEW MEXICO ELEVATION: 6756'**

**LATITUDE: 35.94653° N
LONGITUDE: 107.15100° W
DATUM: NAD1983**



Steel T-Posts have been set to define the Edge of Disturbance limits which are 50' offset from the edge of the staked wellpad.

A-A'									
6766'									
6756'									
6746'									
B-B'									
6766'									
6756'									
6746'									
C-C'									
6766'									
6756'									
6746'									

Tom Blair

From: Tom Blair [tomclair@comcast.net]
Sent: Wednesday, July 31, 2013 11:43:52 AM
To: Brandon Powell, Jonathan Kelly, Lucas Vargo
Cc: Tom Mullins
Subject: Smyslov H #2 Pit Closure

All,

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Please let me know if you have any questions or need additional information.

Thank you,

Tom Blair

CBM Partners Corporation
P.O. Box 27
Flora Vista, NM 87415
(505) 320-4453



Analytical Report

Report Summary

Client: Synergy Operating
Chain Of Custody Number: 15396
Samples Received: 4/12/2013 2:04:00PM
Job Number: 02028-0004
Work Order: P304039
Project Name/Location: Smyslov #2

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 4/19/13

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.





Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 19-Apr-13 13:15
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Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Smyslov #2	P304039-01A	Soil	04/12/13	04/12/13	Glass Jar, 4 oz.

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5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879





Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 19-Apr-13 13:15
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**Smyslov #2
P304039-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	467	20.0	mg/kg	1	1316009	16-Apr-13	16-Apr-13	EPA 418.1	
Cation/Anion Analysis									
Chloride	6560	10.0	mg/kg	1	1316015	17-Apr-13	17-Apr-13	EPA 300.0	E

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Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 19-Apr-13 13:15
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Total Petroleum Hydrocarbons by 418.1 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1316009 - 418 Freon Extraction

Blank (1316009-BLK1)										Prepared & Analyzed: 16-Apr-13
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
Duplicate (1316009-DUP1)										Prepared & Analyzed: 16-Apr-13
Total Petroleum Hydrocarbons	ND	20.0	mg/kg		ND				30	
Matrix Spike (1316009-MS1)										Prepared & Analyzed: 16-Apr-13
Total Petroleum Hydrocarbons	1730	20.0	mg/kg	2000	ND	86.8	80-120			

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Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 19-Apr-13 13:15
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Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1316015 - Anion Extraction EPA 300.0

Blank (1316015-BLK1) Prepared & Analyzed: 17-Apr-13
 Chloride ND 10.0 mg/kg

Duplicate (1316015-DUPI) Source: P304035-04 Prepared & Analyzed: 17-Apr-13
 Chloride ND 9.99 mg/kg ND 30

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5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879





Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 19-Apr-13 13:15
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Notes and Definitions

- E Analyte was present at a concentration greater than the calibration curve upper limit.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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CHAIN OF CUSTODY RECORD

15396

Page 7 of 7

Client: <i>Synergy Operations</i>	Project Name / Location: <i>Smyslov # 2</i>	ANALYSIS / PARAMETERS											
Email results to:	Sampler Name: <i>Tom Mullins</i>	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
Client Phone No.: <i>505-320-1751</i>	Client No.: <i>02028-0004</i>												

Sample No. / Identification	Sample Date	Sample Time	Lab No.	No. / Volume of Containers	Preservative		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
					HgCl ₂	HCl												
<i>Smyslov # 2</i>	<i>4/12</i>	<i>11 AM</i>	<i>P304039-01</i>	<i>1</i>	<i>NO</i>													<i>XX</i>

Relinquished by: (Signature) <i>[Signature]</i>	Date <i>4-12</i>	Time <i>2:04 PM</i>	Received by: (Signature) <i>[Signature]</i>	Date <i>4/12/13</i>	Time <i>1404</i>
--	---------------------	------------------------	--	------------------------	---------------------

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
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Sample Matrix
 Soil Solid Sludge Aqueous Other

Sample(s) dropped off after hours to secure drop off area.





Analytical Report

Report Summary

Client: Synergy Operating
Chain Of Custody Number: 15457
Samples Received: 4/29/2013 7:30:00AM
Job Number: 02028-0004
Work Order: P304086
Project Name/Location: Smyslov H #2

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 4/30/13

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.





Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov H #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 30-Apr-13 15:02
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Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Pit Sludge #1	P304086-01A	Soil	04/26/13	04/29/13	Glass Jar, 4 oz.
Pit Sludge #2	P304086-02A	Soil	04/26/13	04/29/13	Glass Jar, 4 oz.

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Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov H #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 30-Apr-13 15:02
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Pit Sludge #1
P304086-01 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	49.9	ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Toluene	130	49.9	ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Ethylbenzene	79.6	49.9	ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
p,m-Xylene	626	49.9	ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
o-Xylene	179	49.9	ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Total BTEX	1010	49.9	ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Surrogate: Bromochlorobenzene		94.4 %		80-120	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.0 %		80-120	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Surrogate: Fluorobenzene		90.3 %		80-120	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	96.5	4.99	mg/kg	1	1318003	29-Apr-13	29-Apr-13	EPA 8015D	
Diesel Range Organics (C10-C28)	881	4.99	mg/kg	1	1318003	29-Apr-13	29-Apr-13	EPA 8015D	
GRO and DRO Combined Fractions	978	4.99	mg/kg	1	1318003	29-Apr-13	29-Apr-13	EPA 8015D	
Cation/Anion Analysis									
Chloride	3430	9.90	mg/kg	1	1318004	29-Apr-13	29-Apr-13	EPA 300.0	

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Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov H #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 30-Apr-13 15:02
--	---	------------------------------

Pit Sludge #2
P304086-02 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	63.5	50.0		ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Toluene	238	50.0		ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Ethylbenzene	140	50.0		ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
p,m-Xylene	1250	50.0		ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
o-Xylene	288	50.0		ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Total BTEX	1980	50.0		ug/kg	1	1318002	29-Apr-13	29-Apr-13	EPA 8021B	
<i>Surrogate: Bromochlorobenzene</i>		99.1 %		80-120		1318002	29-Apr-13	29-Apr-13	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		95.5 %		80-120		1318002	29-Apr-13	29-Apr-13	EPA 8021B	
<i>Surrogate: Fluorobenzene</i>		98.7 %		80-120		1318002	29-Apr-13	29-Apr-13	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	67.6	4.99		mg/kg	1	1318003	29-Apr-13	29-Apr-13	EPA 8015D	
Diesel Range Organics (C10-C28)	248	4.99		mg/kg	1	1318003	29-Apr-13	29-Apr-13	EPA 8015D	
GRO and DRO Combined Fractions	316	4.99		mg/kg	1	1318003	29-Apr-13	29-Apr-13	EPA 8015D	
Cation/Anion Analysis										
Chloride	2750	9.93		mg/kg	1	1318004	29-Apr-13	29-Apr-13	EPA 300.0	

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Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov H #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 30-Apr-13 15:02
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Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1318002 - Purge and Trap EPA 5030A

Blank (1318002-BLK1)

Prepared & Analyzed: 29-Apr-13

Benzene	ND	50.0	ug/kg							
Toluene	ND	50.0	"							
Ethylbenzene	ND	50.0	"							
p,m-Xylene	ND	50.0	"							
o-Xylene	ND	50.0	"							
Total BTEX	ND	50.0	"							
Surrogate: Bromochlorobenzene	50.5		ug/l.	50.0		101	80-120			
Surrogate: 1,4-Difluorobenzene	50.2		"	50.0		100	80-120			
Surrogate: Fluorobenzene	49.4		"	50.0		98.8	80-120			

Duplicate (1318002-DUP1)

Source: P304083-01

Prepared & Analyzed: 29-Apr-13

Benzene	ND	50.0	ug/kg		ND					30
Toluene	ND	50.0	"		ND					30
Ethylbenzene	ND	50.0	"		ND					30
p,m-Xylene	ND	50.0	"		ND					30
o-Xylene	ND	50.0	"		ND					30
Surrogate: Bromochlorobenzene	49.5		ug/l.	50.0		99.0	80-120			
Surrogate: 1,4-Difluorobenzene	49.9		"	50.0		99.8	80-120			
Surrogate: Fluorobenzene	49.6		"	50.0		99.3	80-120			

Matrix Spike (1318002-MS1)

Source: P304083-01

Prepared & Analyzed: 29-Apr-13

Benzene	49.1		ug/L	50.0	0.25	97.7	39-150			
Toluene	49.1		"	50.0	0.65	96.9	46-148			
Ethylbenzene	48.5		"	50.0	0.15	96.7	32-160			
p,m-Xylene	96.8		"	100	0.51	96.3	46-148			
o-Xylene	48.3		"	50.0	0.40	95.7	46-148			
Surrogate: Bromochlorobenzene	44.4		"	50.0		88.7	80-120			
Surrogate: 1,4-Difluorobenzene	48.1		"	50.0		96.2	80-120			
Surrogate: Fluorobenzene	47.9		"	50.0		95.8	80-120			

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Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov H #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 30-Apr-13 15:02
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Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1318003 - GRO/DRO Extraction EPA 3550C

Blank (1318003-BLK1)

Prepared & Analyzed: 29-Apr-13

Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg							
Diesel Range Organics (C10-C28)	ND	4.99	"							
GRO and DRO Combined Fractions	ND	4.99	"							

Duplicate (1318003-DUP1)

Source: P304085-02

Prepared & Analyzed: 29-Apr-13

Gasoline Range Organics (C6-C10)	525	5.00	mg/kg		579			9.73	30	
Diesel Range Organics (C10-C28)	7650	5.00	"		7960			3.99	30	

Matrix Spike (1318003-MS1)

Source: P304085-02

Prepared & Analyzed: 29-Apr-13

Gasoline Range Organics (C6-C10)	882	5.26	mg/kg	263	579	115	75-125			
Diesel Range Organics (C10-C28)	8620	5.26	"	263	7960	252	75-125			SPK1

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Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Smyslov H #2 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 30-Apr-13 15:02
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Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1318004 - Anion Extraction EPA 300.0

Blank (1318004-BLK1) Prepared & Analyzed: 29-Apr-13
Chloride ND 9.98 mg/kg

Duplicate (1318004-DUP1) Source: P304083-01 Prepared & Analyzed: 29-Apr-13
Chloride ND 9.93 mg/kg ND 30

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Synergy Operating
PO Box 5513
Farmington NM, 87499

Project Name: Smyslov H #2
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
30-Apr-13 15:02

Notes and Definitions

SPK I The spike recovery for this QC sample is outside of control limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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CHAIN OF CUSTODY RECORD

15457

Page 9 of 9

Client: CBM PARTNERS ^{Synergy} AS			Project Name / Location: <u>SMyslov H # Z</u>			ANALYSIS / PARAMETERS														
Email results to: <u>Tom Mullins @ Synergy</u>			Sampler Name: <u>Tom Mullins</u>			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
Client Phone No.: <u>505-320-1751</u>			Client No.: <u>02028-0004</u>																	
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
					HgCl ₂	HCl														
<u>P:T Sludge # 1</u>	<u>4/26</u>	<u>11:20</u>	<u>P304086-01</u>	<u>1</u>			X	X											X	X
<u>P:T Sludge # 2</u>	<u>4/26</u>	<u>11:21</u>	<u>P304086-02</u>	<u>1</u>			X	X											X	X
<u>5 SPOT SAMPLES</u>																				
<u>DUAL TESTS</u>																				
<u>RETURNED COOLER</u>																				
<u>+ FREEZER BAR</u>																				
Relinquished by: (Signature) <u>[Signature]</u>				Date	Time	Received by: (Signature) <u>[Signature]</u>				Date	Time									
				<u>4/29</u>	<u>730</u>					<u>4/29/13</u>	<u>730</u>									
Relinquished by: (Signature)				Received by: (Signature) <u>[Signature]</u>																
Sample Matrix																				
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																				

Sample(s) dropped off after hours to secure drop off area.

RUSH



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Analytical Report

Report Summary

Client: CBM Partners Corporation
Chain Of Custody Number: 15977
Samples Received: 8/16/2013 4:51:00PM
Job Number: 13083-0001
Work Order: P308049
Project Name/Location: Smyslov H #2

Entire Report Reviewed By:

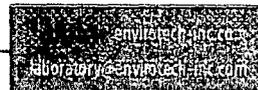
A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 8/20/13

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 8/20/13 8:27 am

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CBM Partners Corporation
PO Box 27
Flora Vista NM, 87415

Project Name: Smyslov H #2
Project Number: 13083-0001
Project Manager: Tom Blair

Reported:
20-Aug-13 08:29

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Reserve Pit	P308049-01A	Soil	08/16/13	08/16/13	Glass Jar, 4 oz.

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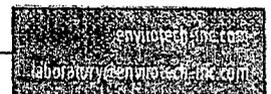


CBM Partners Corporation PO Box 27 Flora Vista NM, 87415	Project Name: Smyslov H #2 Project Number: 13083-0001 Project Manager: Tom Blair	Reported: 20-Aug-13 08:29
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**Reserve Pit
P308049-01 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1334002	19-Aug-13	19-Aug-13	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1334002	19-Aug-13	19-Aug-13	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1334002	19-Aug-13	19-Aug-13	EPA 8021B	
p,m-Xylene	0.16	0.05	mg/kg	1	1334002	19-Aug-13	19-Aug-13	EPA 8021B	
o-Xylene	0.05	0.05	mg/kg	1	1334002	19-Aug-13	19-Aug-13	EPA 8021B	
Total Xylenes	0.22	0.05	mg/kg	1	1334002	19-Aug-13	19-Aug-13	EPA 8021B	
Total BTEX	0.22	0.05	mg/kg	1	1334002	19-Aug-13	19-Aug-13	EPA 8021B	
Surrogate: Bromochlorobenzene		118 %		80-120	1334002	19-Aug-13	19-Aug-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		114 %		80-120	1334002	19-Aug-13	19-Aug-13	EPA 8021B	
Surrogate: Fluorobenzene		114 %		80-120	1334002	19-Aug-13	19-Aug-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	1	1334001	19-Aug-13	19-Aug-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.00	mg/kg	1	1334001	19-Aug-13	19-Aug-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.00	mg/kg	1	1334001	19-Aug-13	19-Aug-13	EPA 8015D	
Cation/Anion Analysis									
Chloride	ND	9.99	mg/kg	1	1334003	19-Aug-13	19-Aug-13	EPA 300.0	

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CBM Partners Corporation	Project Name: Smyslov H #2	Reported: 20-Aug-13 08:29
P.O. Box 27	Project Number: 13083-0001	
Flora Vista NM, 87415	Project Manager: Tom Blair	

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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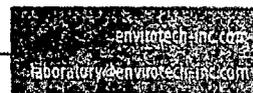
Batch 1334002 - Purge and Trap EPA 5030A

Blank (1334002-BL.K1)				Prepared & Analyzed: 19-Aug-13						
Benzene	ND	0.05	ug/kg							
Toluene	ND	0.05	"							
Ethylbenzene	ND	0.05	"							
p,m-Xylene	ND	0.05	"							
o-Xylene	ND	0.05	"							
Total Xylenes	ND	0.05	"							
Total BTEX	ND	0.05	"							
<i>Surrogate: Bromochlorobenzene</i>	58.0		ug/l.	50.0		116	80-120			
<i>Surrogate: 1,4-Difluorobenzene</i>	53.4		"	50.0		107	80-120			
<i>Surrogate: Fluorobenzene</i>	53.5		"	50.0		107	80-120			

Duplicate (1334002-DUP1)				Source: P308049-01 Prepared & Analyzed: 19-Aug-13						
Benzene	ND	0.05	ug/kg		ND					30
Toluene	ND	0.05	"		ND					30
Ethylbenzene	ND	0.05	"		ND					30
p,m-Xylene	ND	0.05	"		0.16					30
o-Xylene	ND	0.05	"		0.05					30
<i>Surrogate: Bromochlorobenzene</i>	58.0		ug/l.	50.0		116	80-120			
<i>Surrogate: 1,4-Difluorobenzene</i>	54.8		"	50.0		110	80-120			
<i>Surrogate: Fluorobenzene</i>	54.8		"	50.0		110	80-120			

Matrix Spike (1334002-MS1)				Source: P308049-01 Prepared & Analyzed: 19-Aug-13						
Benzene	56.0		ug/l.	50.0	0.57	111	39-150			
Toluene	55.9		"	50.0	0.66	111	46-148			
Ethylbenzene	56.0		"	50.0	0.28	111	32-160			
p,m-Xylene	108		"	100	3.27	104	46-148			
o-Xylene	55.8		"	50.0	1.10	109	46-148			
<i>Surrogate: Bromochlorobenzene</i>	56.0		"	50.0		112	80-120			
<i>Surrogate: 1,4-Difluorobenzene</i>	55.9		"	50.0		108	80-120			
<i>Surrogate: Fluorobenzene</i>	54.3		"	50.0		109	80-120			

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CBM Partners Corporation PO Box 27 Flora Vista NM, 87415	Project Name: Smyslov H #2 Project Number: 13083-0001 Project Manager: Tom Blair	Reported: 20-Aug-13 08:29
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Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1334001 - GRO/DRO Extraction EPA 3550C

Blank (1334001-BL.K1)

Prepared & Analyzed: 19-Aug-13

Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg							
Diesel Range Organics (C10-C28)	ND	5.00	"							
GRO and DRO Combined Fractions	ND	5.00	"							

Duplicate (1334001-DUPI)

Source: P308049-01

Prepared & Analyzed: 19-Aug-13

Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg		ND				30	
Diesel Range Organics (C10-C28)	ND	5.00	"		ND				30	

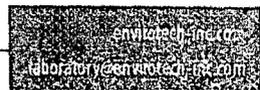
Matrix Spike (1334001-MS1)

Source: P308049-01

Prepared & Analyzed: 19-Aug-13

Gasoline Range Organics (C6-C10)	259	5.26	mg/kg	263	ND	98.6	75-125			
Diesel Range Organics (C10-C28)	266	5.26	"	263	ND	101	75-125			

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CBM Partners Corporation PO Box 27 Flora Vista NM, 87415	Project Name: Smyslov H #2 Project Number: 13083-0001 Project Manager: Tom Blair	Reported: 20-Aug-13 08:29
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Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1334003 - Anion Extraction EPA 300.0

Blank (1334003-BLK1)

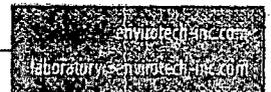
Chloride ND 9.99 mg/kg Prepared & Analyzed: 19-Aug-13

Duplicate (1334003-DUP1)

Chloride ND 10.0 mg/kg Source: P308049-01 Prepared & Analyzed: 19-Aug-13

30

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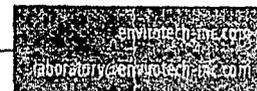


CBM Partners Corporation	Project Name:	Smyslov H #2	
PO Box 27	Project Number:	13083-0001	Reported:
Flora Vista NM, 87415	Project Manager:	Tom Blair	20-Aug-13 08:29

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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RUSH

CHAIN OF CUSTODY RECORD

15977

Client: <i>CBM Partners Corporation</i>		Project Name / Location: <i>Smyslov H#2</i>			ANALYSIS / PARAMETERS														
Email results to: <i>t.blair@cbmpartners.com</i>		Sampler Name: <i>Tom Blair + Jonathon Kelly</i>			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact			
Client Phone No.: <i>(505) 320-4453</i>		Client No.: <i>13083-0001</i>																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
					HNO ₃	HCl													
<i>Reserve Pit</i>	<i>08/16/13</i>	<i>14:15</i>	<i>P308049-01</i>	<i>1</i>				<i>✓</i>	<i>✓</i>								<i>✓</i>	<i>Y</i>	<i>Y</i>
Relinquished by: (Signature) <i>Tom Blair</i>				Date <i>8/16/13</i>	Time <i>16:40</i>	Received by: (Signature) <i>Dene O Zagon</i>				Date <i>8/16/13</i>	Time <i>16:51</i>								
Relinquished by: (Signature)						Received by: (Signature)													
Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																			
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																			



Analytical Report

Report Summary

Client: CBM Partners Corporation

Chain Of Custody Number: 15985

Samples Received: 8/20/2013 3:38:00PM

Job Number: 13083-0001

Work Order: P308060

Project Name/Location: Smyslov H #2

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 8/22/13

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



CBM Partners Corporation	Project Name: Smyslov H #2	
PÖ Box 27	Project Number: 13083-0001	Reported:
Flora Vista NM, 87415	Project Manager: Tom Blair	22-Aug-13 12:22

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Reserve Pit	P308060-01A	Soil	08/20/13	08/20/13	Glass Jar, 4 oz.

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CBM Partners Corporation PO Box 27 Flora Vista NM, 87415	Project Name: Smyslov H #2 Project Number: 13083-0001 Project Manager: Tom Blair	Reported: 22-Aug-13 12:22
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**Reserve Pit
P308060-01 (Solid)**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1334016	20-Aug-13	21-Aug-13	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1334016	20-Aug-13	21-Aug-13	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1334016	20-Aug-13	21-Aug-13	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1334016	20-Aug-13	21-Aug-13	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1334016	20-Aug-13	21-Aug-13	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1334016	20-Aug-13	21-Aug-13	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1334016	20-Aug-13	21-Aug-13	EPA 8021B	
Surrogate: Bromochlorobenzene		97.1 %	80-120		1334016	20-Aug-13	21-Aug-13	EPA 8021B	
Surrogate: 1,1-Difluorobenzene		94.1 %	80-120		1334016	20-Aug-13	21-Aug-13	EPA 8021B	
Surrogate: Fluorobenzene		94.0 %	80-120		1334016	20-Aug-13	21-Aug-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	1	1334017	20-Aug-13	21-Aug-13	EPA 8015D	
Diesel Range Organics (C10-C28)	5.71	5.00	mg/kg	1	1334017	20-Aug-13	21-Aug-13	EPA 8015D	
GR0 and DRO Combined Fractions	5.71	5.00	mg/kg	1	1334017	20-Aug-13	21-Aug-13	EPA 8015D	
Cation/Anion Analysis									
Chloride	220	9.99	mg/kg	1	1334021	21-Aug-13	21-Aug-13	EPA 300.0	

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CBM Partners Corporation PO Box 27 Flora Vista NM, 87415	Project Name: Smyslov H #2 Project Number: 13083-0001 Project Manager: Tom Blair	Reported: 22-Aug-13 12:22
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Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1334016 - Purge and Trap EPA 5030A

Blank (1334016-BL.K1)

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Benzene	ND	0.001	mg/kg							
Toluene	ND	0.001	"							
Ethylbenzene	ND	0.001	"							
p,m-Xylene	ND	0.001	"							
o-Xylene	ND	0.001	"							
Total Xylenes	ND	0.001	"							
Total BTEX	ND	0.001	"							
<i>Surrogate: Bromochlorobenzene</i>	51.1		ug/l	50.0		103	80-120			
<i>Surrogate: 1,4-Difluorobenzene</i>	56.9		"	50.0		114	80-120			
<i>Surrogate: Fluorobenzene</i>	56.3		"	50.0		113	80-120			

Duplicate (1334016-DUP1)

Source: P308059-01

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Benzene	ND	0.05	mg/kg		ND				30	
Toluene	ND	0.05	"		ND				30	
Ethylbenzene	ND	0.05	"		ND				30	
p,m-Xylene	ND	0.05	"		ND				30	
o-Xylene	ND	0.05	"		ND				30	
<i>Surrogate: Bromochlorobenzene</i>	99.1		ug/l	50.0		98.8	80-120			
<i>Surrogate: 1,4-Difluorobenzene</i>	98.9		"	50.0		97.9	80-120			
<i>Surrogate: Fluorobenzene</i>	98.9		"	50.0		97.7	80-120			

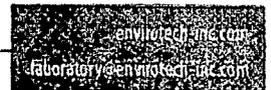
Matrix Spike (1334016-MS1)

Source: P308059-01

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Benzene	46.9		ug/l	50.0	0.51	92.8	39-150			
Toluene	47.2		"	50.0	0.51	93.4	46-148			
Ethylbenzene	47.1		"	50.0	0.22	93.8	32-160			
p,m-Xylene	94.4		"	100	0.98	93.5	46-148			
o-Xylene	47.2		"	50.0	0.39	93.6	46-148			
<i>Surrogate: Bromochlorobenzene</i>	98.0		"	50.0		96.0	80-120			
<i>Surrogate: 1,4-Difluorobenzene</i>	97.3		"	50.0		94.6	80-120			
<i>Surrogate: Fluorobenzene</i>	97.5		"	50.0		95.1	80-120			

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CBM Partners Corporation PO Box 27 Flora Vista NM, 87415	Project Name: Smyslov H #2 Project Number: 13083-0001 Project Manager: Tom Blair	Reported: 22-Aug-13 12:22
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Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1334017 - GRO/DRO Extraction EPA 3550C

Blank (1334017-BLK1)

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg							
Diesel Range Organics (C10-C28)	ND	4.99	"							
GRO and DRO Combined Fractions	ND	4.99	"							

Duplicate (1334017-DUP1)

Source: P308059-01

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg		ND				30	
Diesel Range Organics (C10-C28)	ND	5.00	"		ND				30	

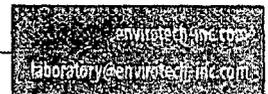
Matrix Spike (1334017-MS1)

Source: P308059-01

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Gasoline Range Organics (C6-C10)	263	5.26	mg/kg	263	ND	99.8	75-125			
Diesel Range Organics (C10-C28)	265	5.26	"	263	ND	101	75-125			

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CBM Partners Corporation PO Box 27 Flora Vista NM, 87415	Project Name: Smyslov H #2 Project Number: 13083-0001 Project Manager: Tom Blair	Reported: 22-Aug-13 12:22
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Cation/Anion Analysis - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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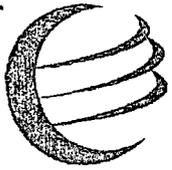
Batch 1334021 - Anion Extraction EPA 300.0

Blank (1334021-BLK1) Prepared & Analyzed: 21-Aug-13
Chloride ND 9.99 mg/kg

Duplicate (1334021-DUP1) Source: P308060-01 Prepared & Analyzed: 21-Aug-13
Chloride 223 9.99 mg/kg 220 1.23 30

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Analytical Laboratory

CBM Partners Corporation
PO Box 27
Flora Vista NM, 87415

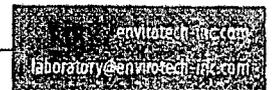
Project Name: Smyslov H #2
Project Number: 13083-0001
Project Manager: Tom Blair

Reported:
22-Aug-13 12:22

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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RUSH

CHAIN OF CUSTODY RECORD

15985

Client: CBM Partners Corporation		Project Name / Location: Smystou H#2		ANALYSIS / PARAMETERS													
Email results to: t.blair@cbmpartners.com		Sampler Name: Tom Blair + Jonathan Kelly		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Client Phone No.: (505) 320-4453		Client No.: 13083-0001															

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
					HNO ₃	HCl															
Reserve Pit	08/24/13	13:40	P308040-01	1			✓	✓								✓				X	X

Relinquished by: (Signature) <i>Tom Blair</i>	Date 08/24/13	Time 15:38	Received by: (Signature) <i>Miriam Jee</i>	Date 8/20/13	Time 15:38
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Relinquished by: (Signature)	Received by: (Signature)
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Sample Matrix
 Soil Solid Sludge Aqueous Other

Sample(s) dropped off after hours to secure drop off area.

~~PAID~~





Analytical Report

Report Summary

Client: CBM Partners Corporation,
Chain Of Custody Number: 15988
Samples Received: 8/21/2013 12:58:00PM
Job Number: 13083-0001
Work Order: P308065
Project Name/Location: Smyslov H #2

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 8/22/13

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 8/22/13 2:36 pm

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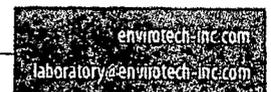


CBM Partners Corporation	Project Name: Smyslöv H #2	Reported: 22-Aug-13 14:39
PO Box 27	Project Number: 13083-0001	
Flora Vista NM, 87415	Project Manager: Tom Blair	

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
#1 Pit Bottom	P308065-01A	Soil	08/21/13	08/21/13	Glass Jar, 4 oz.
#2 Pit Corners	P308065-02A	Soil	08/21/13	08/21/13	Glass Jar, 4 oz.

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CBM Partners Corporation	Project Name: Smyslov H #2	Reported: 22-Aug-13 14:39
PO Box 27	Project Number: 13083-0001	
Flora Vista NM, 87415	Project Manager: Tom Blair	

#1 Pit Bottom
P308065-01 (Solid)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Surrogate: Bromochlorobenzene		102 %	80-120		1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		92.7 %	80-120		1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Surrogate: Fluorobenzene		92.8 %	80-120		1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1334017	21-Aug-13	22-Aug-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	4.99	mg/kg	1	1334017	21-Aug-13	22-Aug-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	4.99	mg/kg	1	1334017	21-Aug-13	22-Aug-13	EPA 8015D	
Cation/Anion Analysis									
Chloride	ND	10.0	mg/kg	1	1334021	21-Aug-13	21-Aug-13	EPA 300.0	

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CBM Partners Corporation PO Box 27 Flora Vista NM, 87415	Project Name: Smyslov H #2 Project Number: 13083-0001 Project Manager: Tom Blair	Reported: 22-Aug-13 14:39
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**#2 Pit Corners
P308065-02 (Solid)**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						

Volatile Organics by EPA 8021

Benzene	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1334016	21-Aug-13	22-Aug-13	EPA 8021B	
<i>Surrogate: Bromochlorobenzene</i>		101 %	80-120		1334016	21-Aug-13	22-Aug-13	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		92.2 %	80-120		1334016	21-Aug-13	22-Aug-13	EPA 8021B	
<i>Surrogate: Fluorobenzene</i>		92.3 %	80-120		1334016	21-Aug-13	22-Aug-13	EPA 8021B	

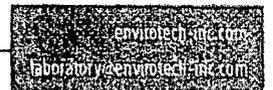
Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1334017	21-Aug-13	22-Aug-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	4.99	mg/kg	1	1334017	21-Aug-13	22-Aug-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	4.99	mg/kg	1	1334017	21-Aug-13	22-Aug-13	EPA 8015D	

Cation/Anion Analysis

Chloride	ND	9.99	mg/kg	1	1334021	21-Aug-13	21-Aug-13	EPA 300.0	
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CBM Partners Corporation PO Box 27 Flora Vista NM, 87415	Project Name: Smystov H #2 Project Number: 13083-0001 Project Manager: Tom Blair	Reported: 22-Aug-13 14:39
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Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1334016 - Purge and Trap EPA 5030A

Blank (1334016-BLK1)

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Benzene	ND	0.001	mg/kg							
Toluene	ND	0.001	"							
Ethylbenzene	ND	0.001	"							
p,m-Xylene	ND	0.001	"							
o-Xylene	ND	0.001	"							
Total Xylenes	ND	0.001	"							
Total BTEX	ND	0.001	"							
Surrogate: Bromochlorobenzene	51.4		ug/l	50.0		103	80-120			
Surrogate: 1,4-Difluorobenzene	56.9		"	50.0		114	80-120			
Surrogate: Fluorobenzene	56.3		"	50.0		113	80-120			

Duplicate (1334016-DUP1)

Source: P308059-01

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Benzene	ND	0.05	mg/kg		ND				30	
Toluene	ND	0.05	"		ND				30	
Ethylbenzene	ND	0.05	"		ND				30	
p,m-Xylene	ND	0.05	"		ND				30	
o-Xylene	ND	0.05	"		ND				30	
Surrogate: Bromochlorobenzene	49.4		ug/l	50.0		98.8	80-120			
Surrogate: 1,4-Difluorobenzene	48.9		"	50.0		97.9	80-120			
Surrogate: Fluorobenzene	48.9		"	50.0		97.7	80-120			

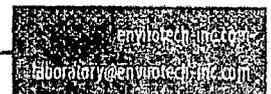
Matrix Spike (1334016-MS1)

Source: P308059-01

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Benzene	46.9		ug/l	50.0	0.51	92.8	39-150			
Toluene	47.2		"	50.0	0.51	93.4	46-148			
Ethylbenzene	47.1		"	50.0	0.22	93.8	32-160			
p,m-Xylene	94.4		"	100	0.98	93.5	46-148			
o-Xylene	47.2		"	50.0	0.39	93.6	46-148			
Surrogate: Bromochlorobenzene	48.0		"	50.0		96.0	80-120			
Surrogate: 1,4-Difluorobenzene	47.3		"	50.0		94.6	80-120			
Surrogate: Fluorobenzene	47.5		"	50.0		95.1	80-120			

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CBM Partners Corporation PO Box 27 Flora Vista NM, 87415	Project Name: Smyslov H #2 Project Number: 13083-0001 Project Manager: Tom Blair	Reported: 22-Aug-13 14:39
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Nonhalogenated Organics by 8015 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1334017 - GRO/DRO Extraction EPA 3550C

Blank (1334017-BL.K1)

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg							
Diesel Range Organics (C10-C28)	ND	4.99	"							
GRO and DRO Combined Fractions	ND	4.99	"							

Duplicate (1334017-DUP1)

Source: P308059-01

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg		ND				30	
Diesel Range Organics (C10-C28)	ND	5.00	"		ND				30	

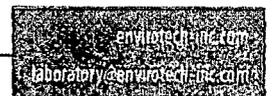
Matrix Spike (1334017-MS1)

Source: P308059-01

Prepared: 20-Aug-13 Analyzed: 21-Aug-13

Gasoline Range Organics (C6-C10)	263	5.26	mg/kg	263	ND	99.8	75-125			
Diesel Range Organics (C10-C28)	265	5.26	"	263	ND	101	75-125			

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CBM Partners Corporation	Project Name: Smyslov H #2	
PO Box 27	Project Number: 13083-0001	Reported:
Flora Vista NM, 87415	Project Manager: Tom Blair	22-Aug-13 14:39

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1334021 - Anion Extraction EPA 300.0

Blank (1334021-BL.K1)

Chloride ND 9.99 mg/kg Prepared & Analyzed: 21-Aug-13

Duplicate (1334021-DUP1)

Chloride 223 9.99 mg/kg 220 1.23 30 Source: P308060-01 Prepared & Analyzed: 21-Aug-13

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CBM Partners Corporation	Project Name:	Smyslov H #2	Reported: 22-Aug-13 14:39
PO Box 27	Project Number:	13083-0001	
Flora Vista NM, 87415	Project Manager:	Tom Blair	

Notes and Definitions

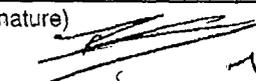
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

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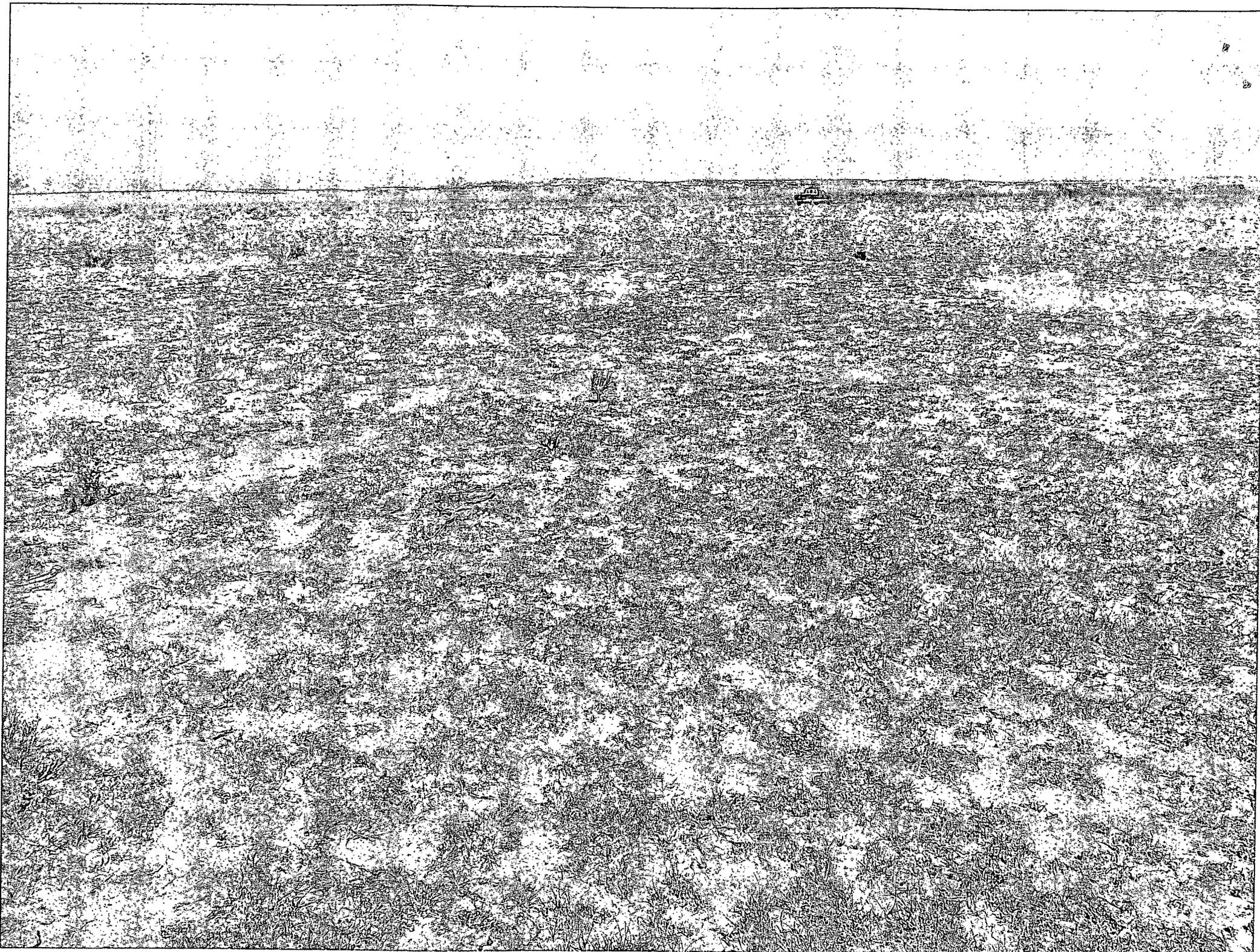
CHAIN OF CUSTODY RECORD

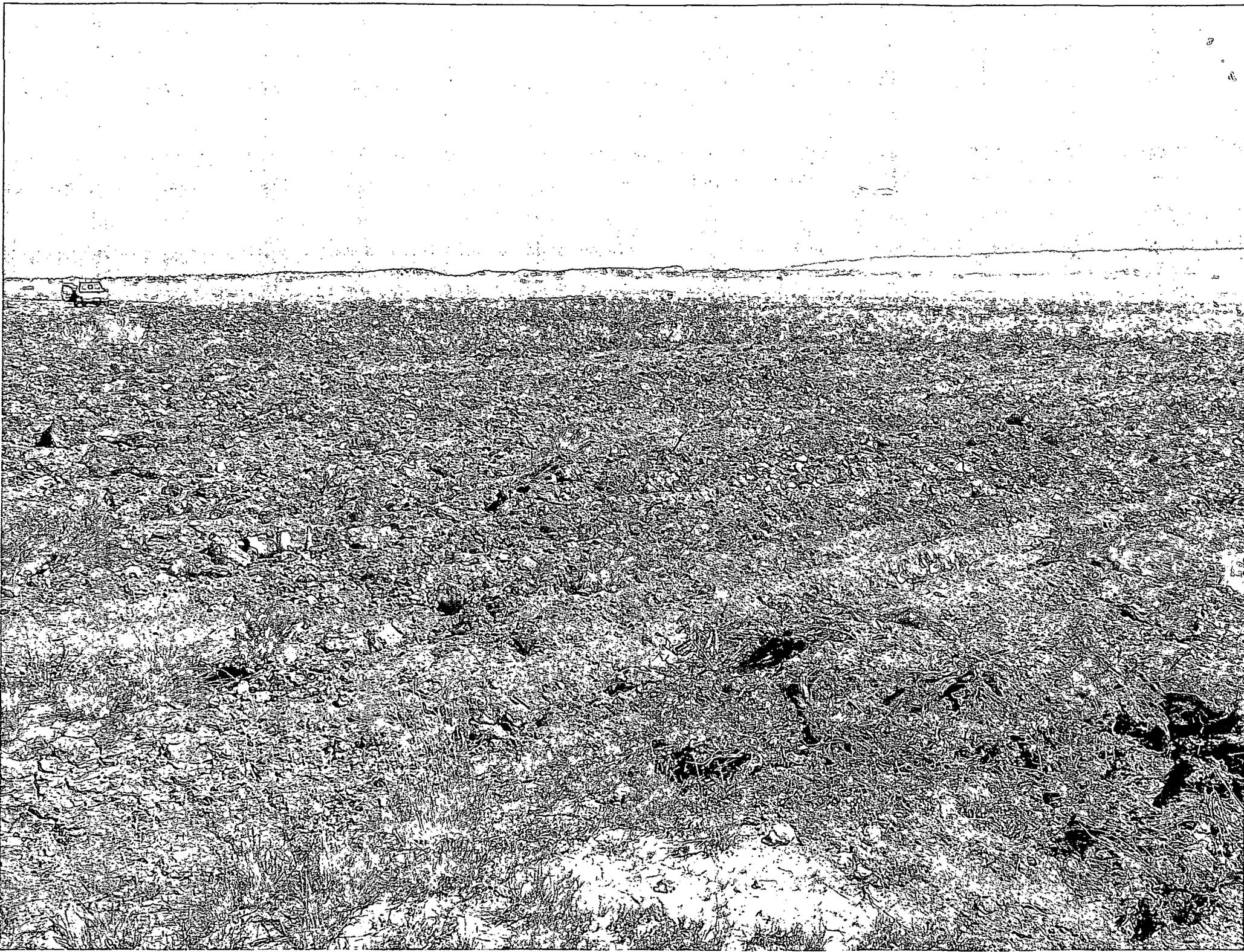
15988

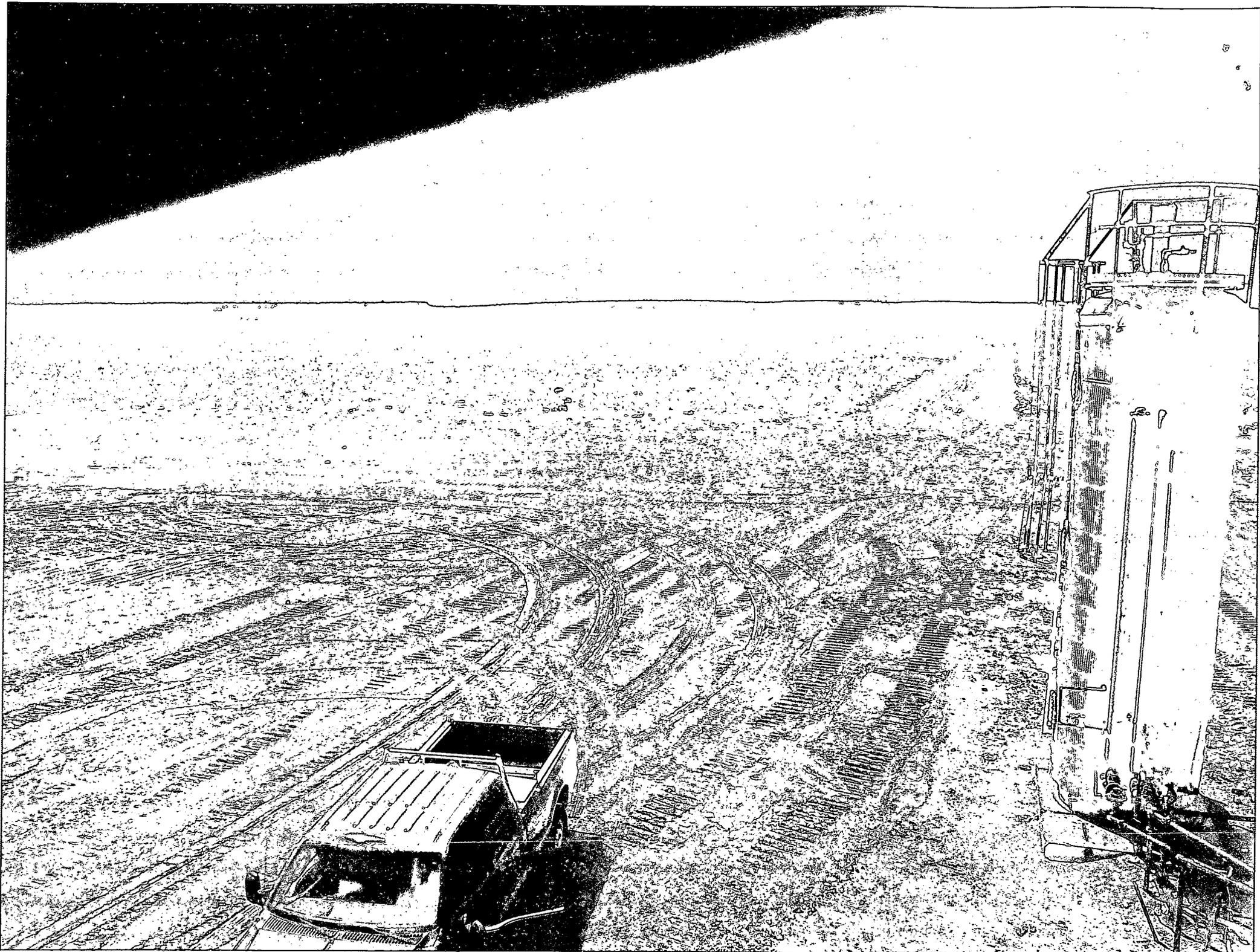
Client: Csm Partners		Project Name / Location: Smylov H#2				ANALYSIS / PARAMETERS														
Email results to: t.blair@csmpartners.com		Sampler Name: Tom Blair				TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	PCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
Client Phone No.: (505) 320-4453		Client No.: 13083-0001																		
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No. / Volume of Containers	Preservative															
					HNO ₃	HCl														
#1 Pit Bottom	08/21/2013	16:45	P308065-01	1				✓	✓										Y	Y
#2 Pit Corners	08/21/2013	10:45	P308065-02	1				✓	✓										Y	Y
Relinquished by: (Signature) Tom Blair				Date	Time	Received by: (Signature) 				Date	Time									
				08/21/13	12:58					8/21/13	12:58									
Relinquished by: (Signature)				Received by: (Signature)																
Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																				
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																				

RUSH









RCVD SEP 26 '13
OIL CONS. DIV.
DIST. 3

Deep Trench Burial

Smyslov H #1

July 31, 2013, via telephone and e-mail, Brandon Powell and Jonathan Kelly with NMOCD, and Lucas Vargo with BLM, were notified that the Smyslov H #2 pit closure and the Smyslov H #1 deep trench burial will begin on August 12, 2013.

On August 12, 2013, the Smyslov H #2 excavation and Smyslov H #1 deep trench burial began as scheduled and witnessed by Jonathan Kelly and Lucas Vargo. B & B Dozer dug a 15' wide X 15' deep X 150' long trench pit on the Smyslov H #1 location. A 168' X 90' - 20 mil, string reinforced liner was installed with factory welded seams orientated up and down in the deep trench. Smyslov H #2 pit contents were mixed to stabilize the contents at a mixing ratio less than 3:1. All of the contents and liner were removed and transferred via excavator and dump trucks to the Smyslov H #1 location and placed into the lined deep trench. The outer edges of the liner were folded to overlap all pit contents. The ends of the liner were folded inward over the rest of the liner. The liner was then covered with five feet of native soil and an additional one foot of original native top soil for a total 6' of soil cover. A steel pit marker (4'-½" dia. X 7'-10" in length) was buried and cemented 3' deep at the center of the burial site with the following information welded on the marker:

Onsite Burial
CBM Partners Corporation
Smyslov H 1
UL A, S21, T20N, R3W
Sandoval Co., NM

Prior to excavation of the Smyslov H #2 pit, samples of the raw pit contents were taken. One single spot sample on April 12, 2013, and one five spot sample was collected on April 26, 2013. Both samples were witnessed by NMOCD and BLM. During excavation of the Smyslov H #2 pit, a five point composite soil sample below the liner was collected on August 16, 2013 by Tom Blair, employee of CBM Partners Corporation, and witnessed by Jonathan Kelly of the NMOCD. An additional five point composite sample was collected on August 20, 2013. Both samples were taken to Envirotech in Farmington, NM for analysis.

Additionally, on August 21, 2013, at the direction of Brandon Powell of the NMOCD, a composite sample was taken from each of the four corners below the liner of the excavated pit area, and a separate single sample was taken below the liner in the center of the pit area. Sampling was collected by Tom Blair and witnessed by Lucas Vargo with the BLM. The samples were taken to Envirotech in Farmington, NM for analysis.

All test results are included in the attached documents.

Personnel remained on site to secure the location each day after the worked ceased, and remained until the work commenced again the next morning.

After receiving approval from Jonathan Kelly @ 13:05 August 22, 2013, the Smyslov H #2 pit was covered with native soil, including one foot of original top soil. At the direction of Lucas Vargo w/ BLM, the location and road were leveled, contoured, and chiseled. All culverts were removed, and two earthen barricades were built to deny access to the road and location. NM BLM seed mix 118675 was drilled in @ 60 lbs/ acre rate to complete the road and location closure. The Smyslov H #1 burial site and location were also leveled, contoured, chiseled and NM seed mix 118675 was drilled in @ 60 lbs/ acre rate.

NM BLM Mix 118675

Species	Percentage
Sand Dropseed	6.25%
Western Wheatgrass	31.24%
Alakali Sacaton	7.81%
Blue Gramma	11.73%
James Galleta	42.97%
Total	100%

NM BLM Mix 118675

Species	Application Rate (lbs PLS/acre)
Sand Dropseed	3.75
Western Wheatgrass	18.744
Alakali Sacaton	4.686
Blue Gramma	7.038
James Galleta	25.782
Total	60.000