

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.

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

16086

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: Hilcorp Energy Company OGRID #: 372171
Address: PO BOX 4700, Farmington, NM 87499
Facility or well name: Scott 9
API Number: 30-045-21818 OCD Permit Number: _____
U/L or Qtr/Qtr C Section 17 Township 31N Range 10W County: San Juan
Center of Proposed Design: Latitude 36.90335°N Longitude -107.90961°W NAD: 1927 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment

OIL CONS. DIV DIST. 3
OCT 11 2017

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: 120 bbl Type of fluid: Produced Water
Tank Construction material: Metal
 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 Unspecified

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.

5.
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 _____

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 300feet 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.

- | | |
|---|---|
| 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> NA |
| 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> NA |
| 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> NA |
| 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 | <input type="checkbox"/> Yes <input type="checkbox"/> 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 feet of a wetland.
US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance | <input type="checkbox"/> Yes <input type="checkbox"/> No |

adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

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

Yes No

Within the area overlying a subsurface mine.

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

Yes No

Within an unstable area.

- 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.

- FEMA map

Yes No

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): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.

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

OCD Representative Signature: [Signature] Approval Date: 12/19/2017

Title: Environmental Specialist 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: December 13, 2016

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.*

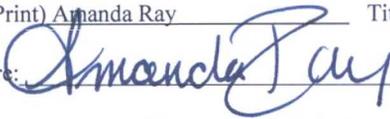
- Proof of Closure Notice (surface owner and division)
- Proof of Deed Notice (required for on-site closure for private land only)
- Plot Plan (for on-site closures and temporary pits)
- Confirmation Sampling Analytical Results (if applicable)
- Waste Material Sampling Analytical Results (required for 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 _____ °N _____ Longitude _____ °W _____ NAD: 1927 1983

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) Amanda Ray Title: Operations/Regulatory Technician

Signature:  Date: 9-28-17

e-mail address: mray@hilcorp.com Telephone: (505) 324-5122

**Hilcorp Energy Company
San Juan Basin
Below Grade Tank Closure Report**

**Lease Name: Scott 9
API No.: 30-045-21818**

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the below-grade tank referenced above. All proper documentation regarding closure activities is being included with the C-144.

General Plan:

1. HILCORP shall close a below-grade tank within 60 days of cessation of operations per Subsection G.4 of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, HILCORP will file the C144 Closure Report as required.

The below-grade tank referenced above was permitted and closed within 60 days of cessation of the below-grade tanks operation.

2. HILCORP shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005), JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.

All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B). The liner was cleaned per Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC was disposed of at the San Juan County Regional Landfill located on CR 3100.

3. HILCORP will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.

The below-grade tank was disposed of in a division-approved manner.

4. If there is any on-site equipment associated with a below-grade tank, then HILCORP shall remove the equipment, unless the equipment is required for some other purpose.

All on-site equipment associated with the below-grade tank was removed.

5. HILCORP will test the soils beneath the below-grade tank to determine whether a release has occurred. HILCORP shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyzed for the constituents listed in Table I of 19.15.17.13 NMAC. COPC shall notify the division of its results on form C-141.

A five point composite sample was taken of the below-grade tank using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached). Form C-141 is attached.

Components	Tests Method	Limit (mg/kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	100
Chlorides	EPA 300.0	250

6. If HILCORP or the division determines that a release has occurred, then HILCORP shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

A release was determined for the above referenced well.

7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Table I of 19.15.17.13 NMAC, then HILCORP shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.

The below-grade tank area passed all requirements of Paragraph (4) of Subsection E of 19.15.17.13 NMAC and was backfilled with compacted, non-waste containing, earthen material.

8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
- i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

Notification is not attached.

9. The surface owner shall be notified of HILCORP's closing of the below-grade tank 72 hours, but not more than one week, prior to closure as per the approved closure plan via certified mail, return receipt requested.

The closure process notification to the landowner was not sent.

10. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.

The below-grade tank area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Re-shaping including drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final recontour has a uniform appearance with smooth surface, fitting the natural landscape.

11. HILCORP shall seed the disturbed areas the first favorable growing season following closure of a below-grade tank. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will be used on federally regulated lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. A uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre-disturbance levels and a total percent plant cover of at least seventy percent (70%) of pre-disturbance levels, excluding noxious weeds. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. COPC will repeat seeding or planting will be continued until successful vegetative growth occurs.

Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

12. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material, with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.

The below-grade tank area was backfilled and more than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.

13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on C-144 and incorporate the following:
 - Soil Backfilling and Cover Installation **(See Report)**
 - Re-vegetation application rates and seeding techniques **(See Report)**
 - Photo documentation of the site reclamation **(Included as an attachment)**
 - Confirmation Sampling Results **(Included as an attachment)**
 - Proof of closure notice **(Included as an attachment)**

District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office to
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company Hilcorp Energy Company	Contact Jennifer Deal
Address 9a CR 5793, Farmington, NM 87401	Telephone No. (505) 599-3400
Facility Name: Scott 9	Facility Type: Gas well

Surface Owner BLM	Mineral Owner Fed	API No. 3004521818
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	17	31	10	830	North	1500	West	San Juan

Latitude 36.90331 Longitude -107.90937

NATURE OF RELEASE

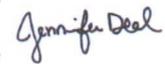
Type of Release Hydrocarbon	Volume of Release Unknown	Volume Recovered 1801 cubic yards
Source of Release BGT	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Historic contamination was encountered after soil sample was taken on 11-10-16

Describe Area Affected and Cleanup Action Taken.*
Delineation of the BGT area on 12-13-16 indicates a 22' x 22' x 9' area that will be excavated to at or below action levels.
Excavation was 32' x 40' x 38' Deep. Release assessment was completed by third-party environmental and analytical results were below the NMOCD regulatory standards – no further action required. The soil sampling report is attached for review.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Jennifer Deal	Approved by Environmental Specialist:	
Title: Environmental Specialist	Approval Date:	Expiration Date:
E-mail Address: jdeal@hilcorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8/14/2017 Phone: 505-324-5128		

* Attach Additional Sheets If Necessary



July 25, 2017

Robert Spearman
ConocoPhillips
San Juan Business Unit
(505) 320-3045

Via electronic mail to:
SJBUE-Team@ConocoPhillips.com

**RE: Below Grade Tank Closure, Release Assessment, and Final Excavation Report
Scott 9
San Juan County, New Mexico**

Dear Mr. Spearman:

On November 10 and December 13, 2016, and April 26 through July 17, 2017, Animas Environmental Services, LLC (AES) completed below grade tank (BGT) closure sampling, a release assessment, and environmental clearance of the final excavation limits at the ConocoPhillips (COP) Scott 9 located in San Juan County, New Mexico.

At the request of the New Mexico Oil Conservation Division (NMOCD), resampling of the location below the former BGT was required to meet all required closure criteria listed in New Mexico Administrative Code (NMAC) 19.15.17.13E. After the below grade tank sampling, an initial release assessment was completed on December 13, 2016, and the final excavation was completed by COP contractors prior to AES' arrival on location on July 17, 2017.

1.0 Site Information

1.1 Location

Site Name – Scott 9
Legal Description – NE¼ NW¼, Sect. 17, T31N, R10W
San Juan County, New Mexico
Well Latitude/Longitude – N36.90331 and W107.90937
BGT Latitude/Longitude – N36.90335 and W107.90961
Land Jurisdiction – Bureau of Land Management (BLM)
Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Map, 2016 and 2017

604 W. Piñon St.
Farmington, NM 87401
505-564-2281

1911 Main, Ste 206
Durango, CO 81301
970-403-3084

1.2 NMOCD Ranking

Prior to site work, NMOCD and New Mexico Office of the State Engineer (NMOSE) databases were reviewed, and a cathodic protection report dated May 1991 for the location, reported the depth to groundwater at 310 feet below ground surface (bgs). Additional review of site criteria was conducted, and the risk ranking for the site is **10**. However, at the request of the NMOCD, the most stringent sample result criteria were applied to this BGT. Note these criteria normally apply to sites with a depth to groundwater of 0 to 50 feet.

1.3 Assessment

AES was initially contacted by Robert Spearman, COP representative, on November 2, 2016, and on November 10, 2016, Corwin Lameman and Sam Glasses of AES traveled to the location. Soil sampling consisted of collection of one soil sample (BGT S-1) from the center of the former BGT footprint at a depth of eight feet. Soil sample results were above the action levels, and a release was confirmed.

On December 13, 2016, AES personnel returned to the location to complete the release assessment field work. The assessment included collection and field sampling of 14 soil samples from 11 soil borings (SB-1 through SB-11). Based on field sampling results, AES recommended excavation of the release area. Sample locations are shown on Figure 3.

On April 26, May 10, and July 17, 2017, AES returned to the location to collect confirmation soil samples of the excavation extents. The field sampling activities included collection of nine confirmation soil samples (SC-1 through SC-9) from the walls and base of the excavation. The area of the final excavation measured approximately 32 feet by 40 feet by 38 feet in depth. Note that the depth of the excavation was limited due to the reach of the excavator. Sample locations and final excavation extents are presented on Figure 4.

2.0 Soil Sampling

A total of 14 soil samples (SB-1 through SB-11) and 9 composite samples (SC-1 through SC-9) were collected during the assessment and excavation clearance. All samples were field screened for volatile organic compounds (VOCs), and selected samples were analyzed for total petroleum hydrocarbons (TPH). Composite samples collected during the excavation clearance were submitted for confirmation laboratory analysis.

2.1 Field Sampling

2.1.1 Volatile Organic Compounds

Field screening for VOC vapors was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas.

2.1.2 Total Petroleum Hydrocarbons

Soil samples were also analyzed in the field for TPH per U.S. Environmental Protection Agency (USEPA) Method 418.1 using a Buck Scientific Model HC-404 Total Hydrocarbon Analyzer Infrared Spectrometer (Buck). A 3-point calibration was completed prior to conducting soil analyses. Field analytical protocol followed AES's *Standard Operating Procedure: Field Analysis Total Petroleum Hydrocarbons per EPA Method 418.1*.

2.2 Laboratory Analyses

The soil samples collected for laboratory analysis were placed into new, clean, laboratory-supplied containers, which were then labeled, placed on ice, and logged onto sample chain of custody records. Samples were maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico. All soil samples were laboratory analyzed for:

- Benzene, toluene, ethylbenzene and xylene (BTEX) per USEPA Method 8021B; and
- TPH as gasoline range, diesel range and motor oil range organics (GRO/DRO/MRO) per USEPA Method 8015.

In addition, soil sample BGT S-1 was laboratory analyzed for:

- TPH per USEPA Method 418.1; and
- Chlorides per USEPA Method 300.0.

2.3 Field and Laboratory Analytical Results

Field sampling results and laboratory analytical results are summarized in Tables 1 and 2, respectively, and on Figures 3 and 4. The AES Field Sampling Reports and laboratory analytical reports are attached.

Table 1. Soil Field VOCs and TPH Results
 Scott 9 Release Assessment and Final Excavation
 December 2016 through July 2017

<i>Sample ID</i>	<i>Date Sampled</i>	<i>Sample Depth (ft bgs)</i>	<i>VOCs via OVM (ppm)</i>	<i>Field TPH (mg/kg)</i>
<i>NMOCD Action Level (Strictest)</i>			--*	100*
SB-1	12/13/16	6.5	4,515	8,660
		8.5	4,618	11,400
SB-2	12/13/16	8.5	3.9	<20.0
SB-3	12/13/16	9	6.8	25.9
SB-4	12/13/16	7	3,158	2,770
		9	4,231	47,800
SB-5	12/13/16	8	4,116	22,300
SB-6	12/13/16	8.75	8.1	<20.0
SB-7	12/13/16	7.5	3,166	NA
		8.5	3,901	7,640
SB-8	12/13/16	8	5.2	<20.0
SB-9	12/13/16	8.5	0.5	<20.0
SB-10	12/13/16	8.5	0.4	<20.0
SB-11	12/13/16	8	0.3	<20.0
SC-1	4/26/17	0 to 15	12.2	41.3
SC-2	4/26/17	0 to 15	21.9	23.5
SC-3	4/26/17	0 to 15	17.5	<20.0
SC-4	4/26/17	0 to 15	2,373	1,440
SC-5	7/17/17	38	5.0	69.1
SC-6	5/10/17	15 to 35	1,314	128
SC-7	5/10/17	15 to 30	107	31.4
SC-8	7/17/17	30 to 38	1.7	40.4
SC-9	7/17/17	30 to 38	1,045	60.8

NA – not analyzed

*Action level determined by NMAC 19.15.17.13 Table 1.

Table 2. Soil Laboratory Analytical Results – Benzene, Total BTEX, TPH, and Chlorides
 Scott 9 BGT Closure and Final Excavation
 November 2016 and July 2017

Sample ID	Date Sampled	Sample Depth (ft bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH (418.1) (mg/kg)	TPH GRO (8015) (mg/kg)	TPH DRO (8015) (mg/kg)	TPH MRO (8015) (mg/kg)	Chlorides (mg/kg)
NMOCD Action Level (Strictest)*			10*	50*	100*		100*		600*
BGT S-1	11/10/16	8	<1.2	113	10,000	4,300	2,500	<460	120
SC-1	4/26/17	0 to 15	<0.016	<0.147	NA	4.9	23	<47	NA
SC-2	4/26/17	0 to 15	<0.016	<0.144	NA	<3.2	<9.3	<46	NA
SC-3	4/26/17	0 to 15	<0.014	<0.125	NA	<2.8	13	<48	NA
SC-5	7/17/17	38	<0.019	<0.171	NA	<3.8	<9.9	<49	NA
SC-6	5/10/17	15 to 35	<0.078	1.72	NA	140	120	<47	NA
SC-7	5/10/17	15 to 30	<0.014	0.246	NA	18	<9.7	<49	NA
SC-8	7/17/17	30 to 38	<0.082	<0.732	NA	<16	<9.6	<48	NA
SC-9	7/17/17	30 to 38	<0.092	1.98	NA	67	25	<49	NA

NA – not analyzed

*Action level determined by NMAC 19.15.17.13 Table 1.

3.0 Conclusions and Recommendations

3.1 BGT Closure

On November 10, 2016, AES conducted BGT closure sampling at the location. NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13 Table 1, and for this location the most stringent action levels were utilized per a request from NMOCD. BGT closure sampling results were above the NMOCD action levels of 50 mg/kg for total BTEX and 100 mg/kg for TPH, with BGT S-1 reporting laboratory concentrations of 113 mg/kg total BTEX, 10,000 mg/kg TPH (418.1), and 6,800 mg/kg TPH (as GRO/DRO/MRO), respectively. Chloride concentrations in BGT S-1 were reported below the NMOCD action level of 600 mg/kg, with 120 mg/kg. Based on laboratory concentrations, a release was confirmed at the Scott 9.

3.2 Release Assessment

On December 13, 2016, AES completed a release assessment at the location. Release assessment field sampling results above the NMOCD action level of 100 mg/kg TPH were reported in SB-1, SB-4, SB-5, and SB-7. The highest field TPH concentration was

reported in SB-4, with a concentration of 47,800 mg/kg TPH. Excavation of the release area was recommended.

3.3 Excavation Clearance

On April 26, May 10 and July 17, 2017, clearances of various portions of the excavation were completed. Field sampling results of the excavation extents showed field TPH concentrations were below the strictest NMOCD action level of 100 mg/kg for all samples, except SC-4 and SC-6. Note that SC-4 (which was sampled at 0 to 15 ft and was located in close proximity to the wellhead) had field TPH concentrations of 1,440 mg/kg; the excavation was subsequently extended and deepened in this area, with SC-7 below the NMOCD threshold for field TPH at 31.4 mg/kg. SC-6 slightly exceeded the strictest NMOCD threshold for field TPH, with 128 mg/kg. Laboratory analytical results showed TPH concentrations (as GRO/DRO/MRO) also exceeded the strictest NMOCD action levels in SC-6, with concentrations of GRO (140 mg/kg) and DRO (120 mg/kg), while MRO, which is less mobile in the subsurface, was reported at <47 mg/kg. Laboratory analytical results from all samples reported benzene and total BTEX concentrations as below NMOCD action levels.

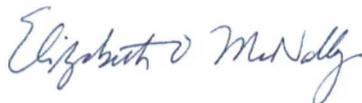
Based on the final field sampling and laboratory analytical results of the excavation of petroleum contaminated soils at the Scott 9, benzene, total BTEX, and TPH concentrations were below the strictest NMOCD action levels for the final sidewalls and base of the excavation, except for TPH at SC-6 (east wall) with 140 mg/kg GRO and 120 mg/kg DRO. However, if the risk ranking of 10 is applied, the action level for TPH is 1,000 mg/kg, and SC-6 TPH concentrations are well below risk-based action levels. If a variance is granted by NMOCD for SC-6, then no further work is recommended.

If you have any questions about this report or site conditions, please do not hesitate to contact Elizabeth McNally at (505) 564-2281.

Sincerely,



David J. Reese
Environmental Scientist



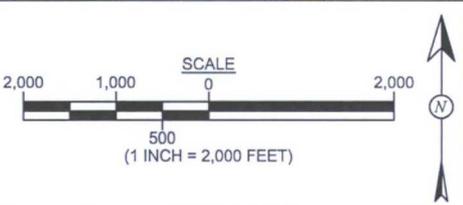
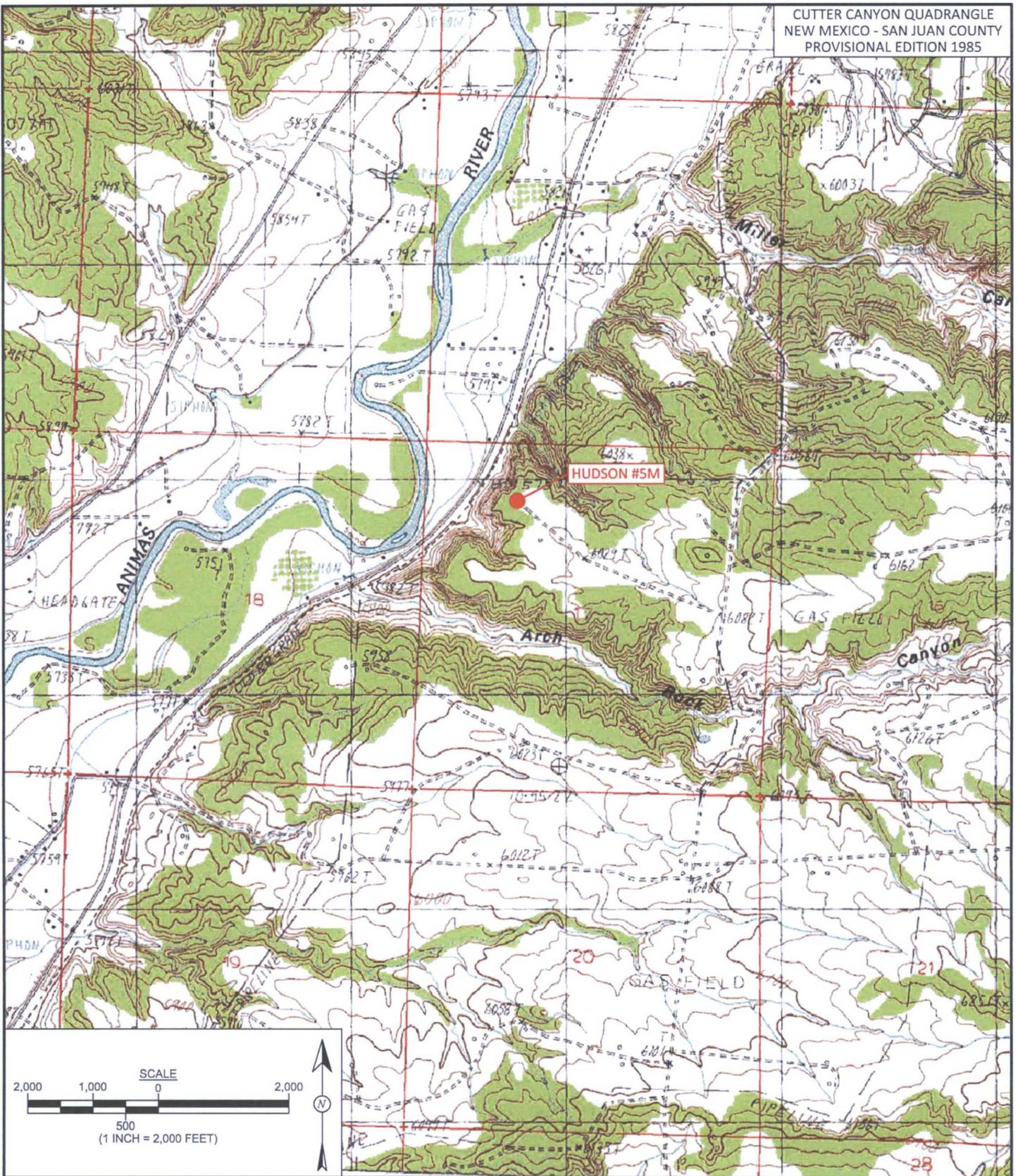
Elizabeth McNally, P.E.

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, 2016 and 2017
- Figure 3. BGT Closure and Release Assessment Sample Locations and Results,
November and December 2016
- Figure 4. Excavation Sample Locations and Results, April through July 2017
AES Field Sampling Reports 121316, 042617, 051017, 071717
Hall Laboratory Analytical Reports 1611633, 1704C07, 1705588, 1707842

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Dropbox\2017 Client Projects\ConocoPhillips\Scott 9 (Hudson 5M)\Scott 9 BGT Release Assessment and
Excavation Report 072517.docx

Figures



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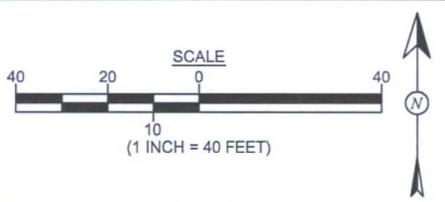
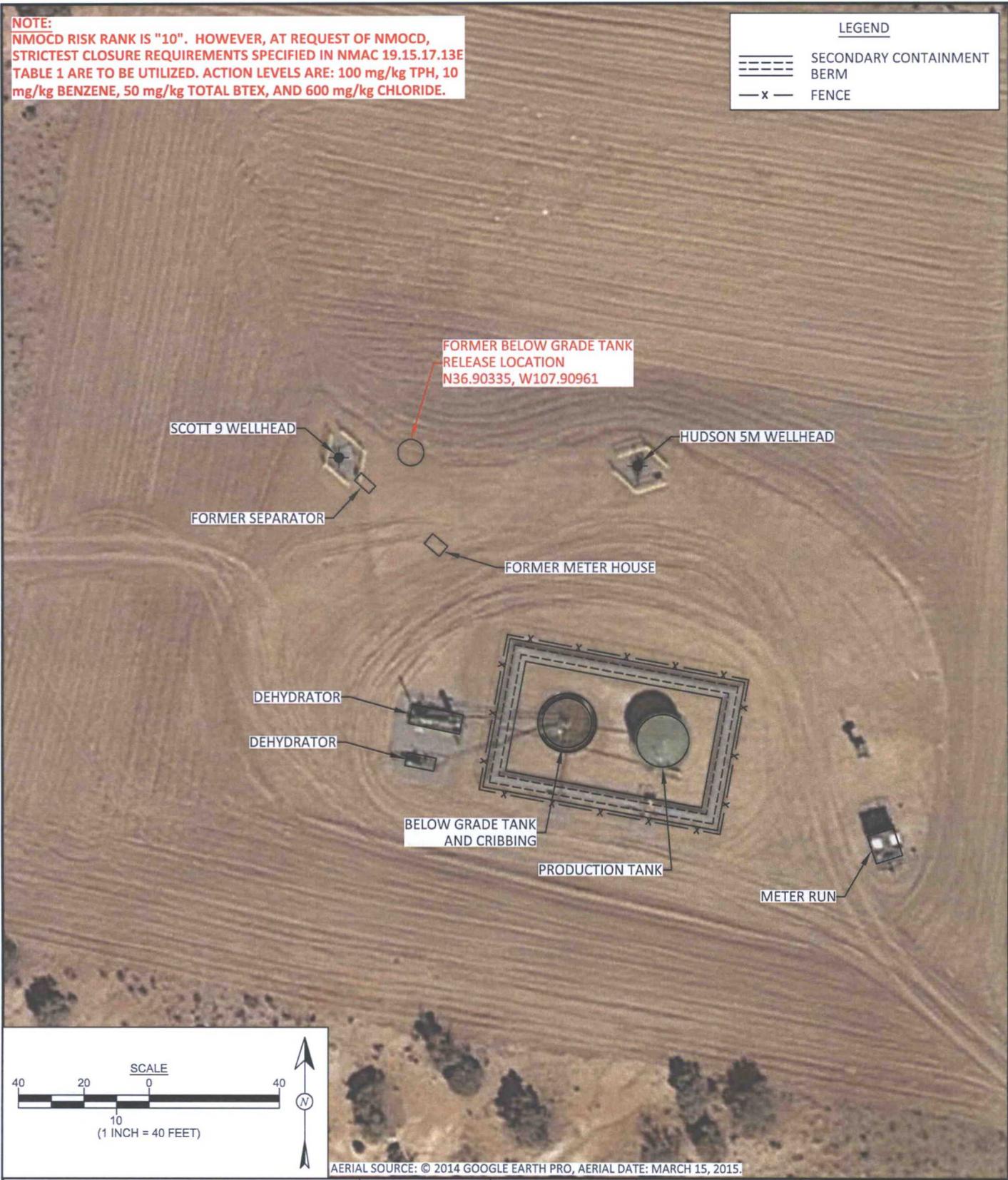
DRAWN BY: C. Lameman	DATE DRAWN: December 19, 2016
REVISIONS BY: C. Lameman	DATE REVISED: December 19, 2016
CHECKED BY: E. McNally	DATE CHECKED: December 19, 2016
APPROVED BY: E. McNally	DATE APPROVED: December 19, 2016

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP
 ConocoPhillips
 HUDSON #5M
 NE¼ NW¼, SECTION 17, T31N, R10W
 SAN JUAN COUNTY, NEW MEXICO
 N36.90331, W107.90937

NOTE:
 NMOCD RISK RANK IS "10". HOWEVER, AT REQUEST OF NMOCD,
 STRICTEST CLOSURE REQUIREMENTS SPECIFIED IN NMAC 19.15.17.13E
 TABLE 1 ARE TO BE UTILIZED. ACTION LEVELS ARE: 100 mg/kg TPH, 10
 mg/kg BENZENE, 50 mg/kg TOTAL BTEX, AND 600 mg/kg CHLORIDE.

LEGEND	
	SECONDARY CONTAINMENT
	BERM
	FENCE



AERIAL SOURCE: © 2014 GOOGLE EARTH PRO, AERIAL DATE: MARCH 15, 2015.

 <p>animas environmental services Farmington, NM • Durango, CO animasenvironmental.com</p>	DRAWN BY: C. Lameman	DATE DRAWN: December 19, 2016	<h2>FIGURE 2</h2> <p>AERIAL SITE MAP 2016 AND 2017 ConocoPhillips SCOTT 9 NE¼ NW¼, SECTION 17, T31N, R10W SAN JUAN COUNTY, NEW MEXICO N36.90331, W107.90937</p>
	REVISIONS BY: C. Lameman	DATE REVISED: July 19, 2017	
	CHECKED BY: E. McNally	DATE CHECKED: July 19, 2017	
	APPROVED BY: E. McNally	DATE APPROVED: July 19, 2017	

FIGURE 3

**BELOW GRADE TANK CLOSURE AND
RELEASE ASSESSMENT SAMPLE
LOCATIONS AND RESULTS
NOVEMBER AND DECEMBER 2016**

ConocoPhillips
SCOTT #9
NE¼ NW¼, SECTION 17, T31N, R10W
SAN JUAN COUNTY, NEW MEXICO
N36.90331, W107.90937

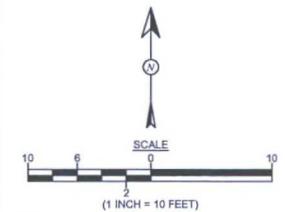


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DRAWN BY: C. Lameman	DATE DRAWN: December 19, 2016
REVISIONS BY: C. Lameman	DATE REVISED: July 25, 2017
CHECKED BY: D. Reese	DATE CHECKED: July 25, 2017
APPROVED BY: E. McNally	DATE APPROVED: July 25, 2017

LEGEND

- SOIL BORING LOCATIONS
- ▬▬▬▬ SECONDARY CONTAINMENT BERM
- x - FENCE



Field Sampling Results				
Sample ID	Date	Depth (ft)	PID-OVM (ppm)	TPH (mg/kg)
NMOC ACTION LEVEL			--	100
SB-1	12/13/16	6.5	4,515	8,660
		8.5	4,618	11,400
SB-2	12/13/16	8.5	3.9	<20.0
SB-3	12/13/16	9	6.8	25.9
SB-4	12/13/16	7	3,158	2,770
		9	4,231	47,800
SB-5	12/13/16	8	4,116	22,300
SB-6	12/13/16	8.75	8.1	<20.0
SB-7	12/13/16	7.5	3,166	NA
		8.5	3,901	7,640
SB-8	12/13/16	8	5.2	<20.0
SB-9	12/13/16	8.5	0.5	<20.0
SB-10	12/13/16	8.5	0.4	<20.0
SB-11	12/13/16	8	0.3	<20.0
NA - NOT ANALYZED				

Laboratory Analytical Results									
Sample ID	Date	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH 418.1 (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)	TPH - MRO (mg/kg)	Chlorides (mg/kg)
NMOC ACTION LEVEL			10	50	100	100	100	600	
BGT S-1	11/10/16	8	<1.2	113	10,000	4,300	2,500	<460	120
SAMPLE WAS ANALYZED PER USEPA METHOD 8021B, 418.1, 8015D AND 300.0									

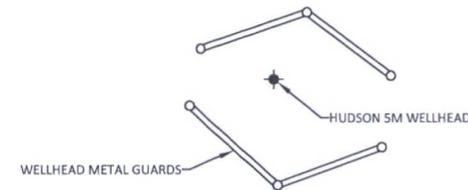
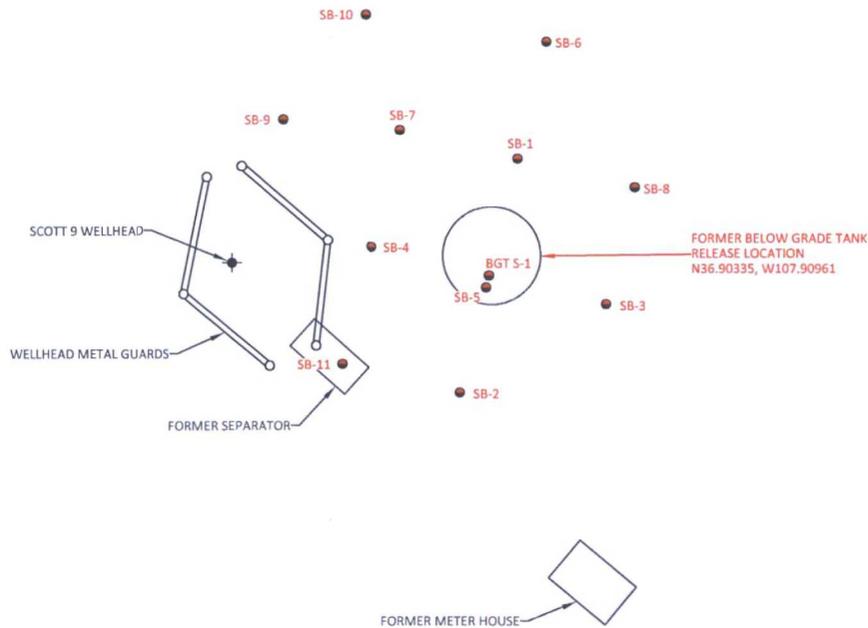


FIGURE 4

EXCAVATION SAMPLE LOCATIONS AND RESULTS APRIL THROUGH JULY 2017

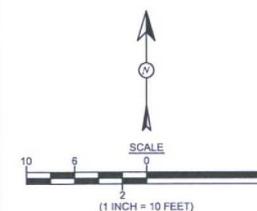
ConocoPhillips
SCOTT 9
NE 1/4 NW 1/4 SECTION 17, T31N, R10W
SAN JUAN COUNTY, NEW MEXICO
N36.90331, W107.90937



DRAWN BY: C. Lameman	DATE DRAWN: May 10, 2017
REVISIONS BY: C. Lameman	DATE REVISED: July 25, 2017
CHECKED BY: D. Reese	DATE CHECKED: July 25, 2017
APPROVED BY: E. McNally	DATE APPROVED: July 25, 2017

LEGEND

- SAMPLE LOCATIONS
- SECONDARY CONTAINMENT BERM
- FENCE

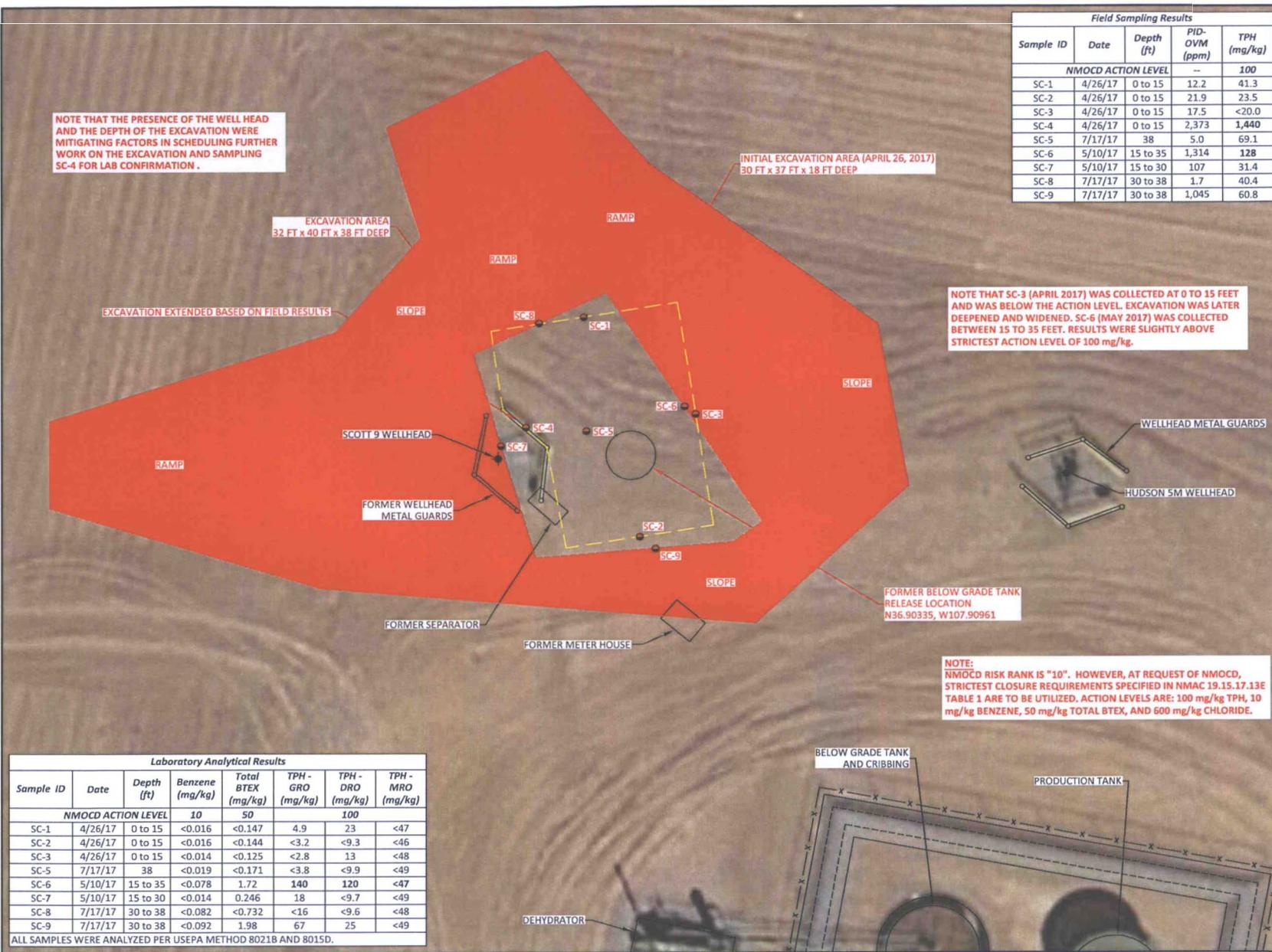


Field Sampling Results				
Sample ID	Date	Depth (ft)	PID-OVM (ppm)	TPH (mg/kg)
NMOCD ACTION LEVEL			--	100
SC-1	4/26/17	0 to 15	12.2	41.3
SC-2	4/26/17	0 to 15	21.9	23.5
SC-3	4/26/17	0 to 15	17.5	<20.0
SC-4	4/26/17	0 to 15	2,373	1,440
SC-5	7/17/17	38	5.0	69.1
SC-6	5/10/17	15 to 35	1,314	128
SC-7	5/10/17	15 to 30	107	31.4
SC-8	7/17/17	30 to 38	1.7	40.4
SC-9	7/17/17	30 to 38	1,045	60.8

NOTE THAT SC-3 (APRIL 2017) WAS COLLECTED AT 0 TO 15 FEET AND WAS BELOW THE ACTION LEVEL. EXCAVATION WAS LATER DEEPENED AND WIDENED. SC-6 (MAY 2017) WAS COLLECTED BETWEEN 15 TO 35 FEET. RESULTS WERE SLIGHTLY ABOVE STRICTEST ACTION LEVEL OF 100 mg/kg.

NOTE: NMOCD RISK RANK IS "10". HOWEVER, AT REQUEST OF NMOCD, STRICTEST CLOSURE REQUIREMENTS SPECIFIED IN NMAC 19.15.17.13E TABLE 1 ARE TO BE UTILIZED. ACTION LEVELS ARE: 100 mg/kg TPH, 10 mg/kg BENZENE, 50 mg/kg TOTAL BTEX, AND 600 mg/kg CHLORIDE.

NOTE THAT THE PRESENCE OF THE WELL HEAD AND THE DEPTH OF THE EXCAVATION WERE MITIGATING FACTORS IN SCHEDULING FURTHER WORK ON THE EXCAVATION AND SAMPLING SC-4 FOR LAB CONFIRMATION.



Laboratory Analytical Results						
Sample ID	Date	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH - GRO (mg/kg)	TPH - DRO (mg/kg)
NMOCD ACTION LEVEL			10	50	100	
SC-1	4/26/17	0 to 15	<0.016	<0.147	4.9	23
SC-2	4/26/17	0 to 15	<0.016	<0.144	<3.2	<9.3
SC-3	4/26/17	0 to 15	<0.014	<0.125	<2.8	13
SC-5	7/17/17	38	<0.019	<0.171	<3.8	<9.9
SC-6	5/10/17	15 to 35	<0.078	1.72	140	120
SC-7	5/10/17	15 to 30	<0.014	0.246	18	<9.7
SC-8	7/17/17	30 to 38	<0.082	<0.732	<16	<9.6
SC-9	7/17/17	30 to 38	<0.092	1.98	67	25

ALL SAMPLES WERE ANALYZED PER USEPA METHOD 8021B AND 8015D.

Field Notes

AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: Scott 9

Date: 12/13/2016

Matrix: Soil

Sample ID	Collection Date	Collection Time	OVM (ppm)	Field TPH* (mg/kg)	Field TPH Analysis Time	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SB-1 @ 6.5'	12/13/2016	11:58	4,515	8,660	12:30	200	10	CL
SB-1 @ 8.5'	12/13/2016	12:11	4,618	11,400	12:41	200	10	CL
SB-2 @ 8.5'	12/13/2016	12:48	3.9	<20.0	13:25	20.0	1	CL
SB-3 @ 9'	12/13/2016	11:26	6.8	25.9	11:52	20.0	1	CL
SB-4 @ 7'	12/13/2016	13:45	3,158	2,770	14:02	20.0	1	CL
SB-4 @ 9'	12/13/2016	13:50	4,231	47,800	14:24	2000	100	CL
SB-5 @ 8'	12/13/2016	10:38	4,116	22,300	11:10	200	10	CL
SB-6 @ 8.75'	12/13/2016	14:25	8.1	<20.0	14:43	20.0	1	CL
SB-7 @ 7.5'	12/13/2016	14:50	3,166	<i>Not Analyzed for TPH</i>				
SB-7 @ 8.5'	12/13/2016	14:54	3,901	7,640	15:13	200	10	CL
SB-8 @ 8'	12/13/2016	15:20	5.2	<20.0	15:32	20.0	1	CL
SB-9 @ 8.5'	12/13/2016	15:52	0.5	<20.0	16:06	20.0	1	CL
SB-10 @ 8.5'	12/13/2016	16:11	0.4	<20.0	16:27	20.0	1	CL
SB-11 @ 8'	12/13/2016	16:31	0.3	<20.0	16:44	20.0	1	CL

Sample ID	Collection Date	Collection Time	OVM (ppm)	Field TPH* (mg/kg)	Field TPH Analysis Time	TPH PQL (mg/kg)	DF	TPH Analysts Initials
-----------	-----------------	-----------------	-----------	--------------------	-------------------------	-----------------	----	-----------------------

DF Dilution Factor
 NA Not Analyzed
 PQL Practical Quantitation Limit

**Field TPH concentrations recorded may be below PQL.*

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst: 

AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: Scott 9

Date: 4/26/2017

Matrix: Soil

Sample ID	Collection Date	Collection Time	Sample Location	OVM (ppm)	Field TPH* (mg/kg)	Field TPH Analysis Time	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SC-1	4/26/2017	9:20	North Wall	12.2	41.3	10:41	20.0	1	CL
SC-2	4/26/2017	9:30	South Wall	21.9	23.5	10:44	20.0	1	CL
SC-3	4/26/2017	9:40	East Wall	17.5	<20.0	10:47	20.0	1	CL
SC-4	4/26/2017	9:50	West Wall	2,373	1,420	10:49	20.0	1	CL

DF Dilution Factor

NA Not Analyzed

PQL Practical Quantitation Limit

*TPH concentrations recorded may be below PQL.

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:

AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: Scott 9

Date: 5/10/2017

Matrix: Soil

Sample ID	Collection Date	Collection Time	Sample Location	OVM (ppm)	Field TPH* (mg/kg)	Field TPH Analysis Time	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SC-6	5/10/2017	9:40	East Wall	1,314	128	9:44	20.0	1	CL
SC-7	5/10/2017	9:55	West Wall	107	31.4	9:47	20.0	1	CL

DF Dilution Factor
NA Not Analyzed
PQL Practical Quantitation Limit

**TPH concentrations recorded may be below PQL.*

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:



AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: Scott 9

Date: 7/17/2017

Matrix: Soil

Sample ID	Collection Date	Collection Time	Sample Location	OVM (ppm)	Field TPH* (mg/kg)	Field TPH Analysis Time	TPH PQL (mg/kg)	DF	TPH Analysts Initials
SC-5	7/17/2017	10:25	Base	5.0	69.1	11:02	20.0	1	CL
SC-8	7/17/2017	10:30	North Wall	1.7	40.4	10:57	20.0	1	CL
SC-9	7/17/2017	10:35	South Wall	1,045	60.8	11:58	20.0	1	CL

DF Dilution Factor
 NA Not Analyzed
 PQL Practical Quantitation Limit

**TPH concentrations recorded may be below PQL.*

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:

Analytical Reports



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 17, 2016

Emilee Skyles
Animas Environmental
604 Pinon Street
Farmington, NM 87401
TEL: (505) 564-2281
FAX

RE: COPC Hudson 5M

OrderNo.: 1611633

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/11/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1611633

17-Nov-16

Client: Animas Environmental

Project: COPC Hudson 5M

Sample ID	MB-28702	SampType:	mbk	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	28702	RunNo:	38771					
Prep Date:	11/16/2016	Analysis Date:	11/16/2016	SeqNo:	1211314	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-28702	SampType:	lcs	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	28702	RunNo:	38771					
Prep Date:	11/16/2016	Analysis Date:	11/16/2016	SeqNo:	1211315	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.0	90	110			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1611633

17-Nov-16

Client: Animas Environmental

Project: COPC Hudson 5M

Sample ID	MB-28668	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	28668	RunNo:	38752					
Prep Date:	11/15/2016	Analysis Date:	11/16/2016	SeqNo:	1210600	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	ND	20								

Sample ID	LCS-28668	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	28668	RunNo:	38752					
Prep Date:	11/15/2016	Analysis Date:	11/16/2016	SeqNo:	1210601	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	110	20	100.0	0	113	80.7	121			

Sample ID	LCSD-28668	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	28668	RunNo:	38752					
Prep Date:	11/15/2016	Analysis Date:	11/16/2016	SeqNo:	1210602	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	110	20	100.0	0	111	80.7	121	1.18	20	

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1611633

17-Nov-16

Client: Animas Environmental

Project: COPC Hudson 5M

Sample ID	MB-28641	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	28641	RunNo:	38704					
Prep Date:	11/14/2016	Analysis Date:	11/15/2016	SeqNo:	1209527	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.8		10.00		78.4	70	130			

Sample ID	LCS-28641	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	28641	RunNo:	38704					
Prep Date:	11/14/2016	Analysis Date:	11/15/2016	SeqNo:	1209529	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	82.4	62.6	124			
Surr: DNOP	4.1		5.000		81.2	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1611633

17-Nov-16

Client: Animas Environmental

Project: COPC Hudson 5M

Sample ID	MB-28620	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	28620	RunNo:	38684					
Prep Date:	11/11/2016	Analysis Date:	11/14/2016	SeqNo:	1208386	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		86.3	68.3	144			

Sample ID	LCS-28620	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	28620	RunNo:	38684					
Prep Date:	11/11/2016	Analysis Date:	11/14/2016	SeqNo:	1208395	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.5	74.6	123			
Surr: BFB	930		1000		93.3	68.3	144			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1611633

17-Nov-16

Client: Animas Environmental
Project: COPC Hudson 5M

Sample ID	MB-28620	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	28620	RunNo:	38684					
Prep Date:	11/11/2016	Analysis Date:	11/14/2016	SeqNo:	1208454	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		99.4	80	120			

Sample ID	LCS-28620	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	28620	RunNo:	38684					
Prep Date:	11/11/2016	Analysis Date:	11/14/2016	SeqNo:	1208455	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.7	75.2	115			
Toluene	1.0	0.050	1.000	0	100	80.7	112			
Ethylbenzene	1.0	0.050	1.000	0	102	78.9	117			
Xylenes, Total	3.1	0.10	3.000	0	102	79.2	115			
Surr: 4-Bromofluorobenzene	1.1		1.000		111	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1611633

RcptNo: 1

Received by/date: AS 11/11/16

Logged By: Lindsay Mangin 11/11/2016 8:00:00 AM *[Signature]*

Completed By: Lindsay Mangin 11/11/2016 10:17:25 AM *[Signature]*

Reviewed By: JC 11/11/16

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? Courier

Log In

- 4. Was an attempt made to cool the samples? Yes No NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 6. Sample(s) in proper container(s)? Yes No
- 7. Sufficient sample volume for indicated test(s)? Yes No
- 8. Are samples (except VOA and ONG) properly preserved? Yes No
- 9. Was preservative added to bottles? Yes No NA
- 10. VOA vials have zero headspace? Yes No No VOA Vials
- 11. Were any sample containers received broken? Yes No
- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes No
- 13. Are matrices correctly identified on Chain of Custody? Yes No
- 14. Is it clear what analyses were requested? Yes No
- 15. Were all holding times able to be met? (If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: _____

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good	Yes			



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 01, 2017

Corwin Lameman
Animas Environmental
604 Pinon Street
Farmington, NM 87401
TEL: (505) 564-2281
FAX

RE: COPC Scott 9

OrderNo.: 1704C07

Dear Corwin Lameman:

Hall Environmental Analysis Laboratory received 3 sample(s) on 4/27/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", with a stylized flourish at the end.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-1

Project: COPC Scott 9

Collection Date: 4/26/2017 9:20:00 AM

Lab ID: 1704C07-001

Matrix: MEOH (SOIL)

Received Date: 4/27/2017 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	23	9.4		mg/Kg	1	4/28/2017 6:05:43 PM	31473
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/28/2017 6:05:43 PM	31473
Surr: DNOP	86.4	70-130		%Rec	1	4/28/2017 6:05:43 PM	31473
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	4.9	3.3		mg/Kg	1	4/27/2017 11:42:59 PM	G42416
Surr: BFB	153	54-150	S	%Rec	1	4/27/2017 11:42:59 PM	G42416
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	4/27/2017 11:42:59 PM	B42416
Toluene	ND	0.033		mg/Kg	1	4/27/2017 11:42:59 PM	B42416
Ethylbenzene	ND	0.033		mg/Kg	1	4/27/2017 11:42:59 PM	B42416
Xylenes, Total	ND	0.065		mg/Kg	1	4/27/2017 11:42:59 PM	B42416
Surr: 4-Bromofluorobenzene	114	66.6-132		%Rec	1	4/27/2017 11:42:59 PM	B42416

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-2

Project: COPC Scott 9

Collection Date: 4/26/2017 9:30:00 AM

Lab ID: 1704C07-002

Matrix: MEOH (SOIL)

Received Date: 4/27/2017 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/28/2017 7:27:03 PM	31473
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/28/2017 7:27:03 PM	31473
Surr: DNOP	88.1	70-130		%Rec	1	4/28/2017 7:27:03 PM	31473
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	4/28/2017 12:31:13 AM	G42416
Surr: BFB	100	54-150		%Rec	1	4/28/2017 12:31:13 AM	G42416
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.016		mg/Kg	1	4/28/2017 12:31:13 AM	B42416
Toluene	ND	0.032		mg/Kg	1	4/28/2017 12:31:13 AM	B42416
Ethylbenzene	ND	0.032		mg/Kg	1	4/28/2017 12:31:13 AM	B42416
Xylenes, Total	ND	0.064		mg/Kg	1	4/28/2017 12:31:13 AM	B42416
Surr: 4-Bromofluorobenzene	106	66.6-132		%Rec	1	4/28/2017 12:31:13 AM	B42416

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:			
*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704C07
01-May-17

Client: Animas Environmental
Project: COPC Scott 9

Sample ID	MB-31481	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	31481	RunNo:	42424					
Prep Date:	4/28/2017	Analysis Date:	4/28/2017	SeqNo:	1333940	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.8		10.00		88.3	70	130			

Sample ID	LCS-31481	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	31481	RunNo:	42424					
Prep Date:	4/28/2017	Analysis Date:	4/28/2017	SeqNo:	1333970	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.5		5.000		89.8	70	130			

Sample ID	1704C07-001AMS	SampType:	MS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	SC-1	Batch ID:	31473	RunNo:	42424					
Prep Date:	4/27/2017	Analysis Date:	4/28/2017	SeqNo:	1334727	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	73	10	50.30	23.19	99.1	51.6	130			
Surr: DNOP	4.7		5.030		93.0	70	130			

Sample ID	1704C07-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	SC-1	Batch ID:	31473	RunNo:	42424					
Prep Date:	4/27/2017	Analysis Date:	4/28/2017	SeqNo:	1334729	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	68	9.8	48.92	23.19	92.0	51.6	130	6.87	20	
Surr: DNOP	4.6		4.892		93.5	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704C07

01-May-17

Client: Animas Environmental

Project: COPC Scott 9

Sample ID RB	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: G42416	RunNo: 42416								
Prep Date:	Analysis Date: 4/27/2017	SeqNo: 1333745	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1200		1000		116	54	150			

Sample ID 2.5UG GRO LCS	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: G42416	RunNo: 42416								
Prep Date:	Analysis Date: 4/27/2017	SeqNo: 1333746	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	76.4	125			
Surr: BFB	1200		1000		115	54	150			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704C07

01-May-17

Client: Animas Environmental

Project: COPC Scott 9

Sample ID	RB	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	B42416	RunNo:	42416					
Prep Date:		Analysis Date:	4/27/2017	SeqNo:	1333768	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.3		1.000		128	66.6	132			

Sample ID	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	B42416	RunNo:	42416					
Prep Date:		Analysis Date:	4/27/2017	SeqNo:	1333819	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.7	80	120			
Toluene	0.95	0.050	1.000	0	94.9	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.4	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.7	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		119	66.6	132			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |



Hall Environmental Analysis Laboratory
 4901 Hawkins NE
 Albuquerque, NM 87109
 TEL: 505-345-3975 FAX: 505-345-4107
 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1704C07

RcptNo: 1

Received By: Sophia Campuzano 4/27/2017 7:00:00 AM

Completed By: Lindsay Mangin 4/27/2017 8:05:18 AM

Reviewed By: *SRC 04/27/17*

Sophia Campuzano
Lindsay Mangin

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present ✓
- 2. Is Chain of Custody complete? Yes ✓ No Not Present
- 3. How was the sample delivered? Courier

Log In

- 4. Was an attempt made to cool the samples? Yes ✓ No NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes ✓ No NA
- 6. Sample(s) in proper container(s)? Yes ✓ No
- 7. Sufficient sample volume for indicated test(s)? Yes ✓ No
- 8. Are samples (except VOA and ONG) properly preserved? Yes ✓ No
- 9. Was preservative added to bottles? Yes No ✓ NA
- 10. VOA vials have zero headspace? Yes No No VOA Vials ✓
- 11. Were any sample containers received broken? Yes No ✓
of preserved bottles checked for pH: (<2 or >12 unless noted)
- 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes ✓ No Adjusted?
- 13. Are matrices correctly identified on Chain of Custody? Yes ✓ No
- 14. Is it clear what analyses were requested? Yes ✓ No
- 15. Were all holding times able to be met? (If no, notify customer for authorization.) Yes ✓ No Checked by:

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA ✓

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.6	Good	Yes			



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 16, 2017

Corwin Lameman
Animas Environmental
604 Pinon Street
Farmington, NM 87401
TEL: (505) 564-2281
FAX

RE: COPC Scott 9

OrderNo.: 1705588

Dear Corwin Lameman:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/11/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-6

Project: COPC Scott 9

Collection Date: 5/10/2017 9:40:00 AM

Lab ID: 1705588-001

Matrix: SOIL

Received Date: 5/11/2017 7:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	120	9.4		mg/Kg	1	5/15/2017 11:06:04 AM	31684
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/15/2017 11:06:04 AM	31684
Surr: DNOP	84.6	70-130		%Rec	1	5/15/2017 11:06:04 AM	31684
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	140	16		mg/Kg	5	5/11/2017 8:57:04 PM	31671
Surr: BFB	460	54-150	S	%Rec	5	5/11/2017 8:57:04 PM	31671
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.078		mg/Kg	5	5/11/2017 8:57:04 PM	31671
Toluene	0.32	0.16		mg/Kg	5	5/11/2017 8:57:04 PM	31671
Ethylbenzene	ND	0.16		mg/Kg	5	5/11/2017 8:57:04 PM	31671
Xylenes, Total	1.4	0.31		mg/Kg	5	5/11/2017 8:57:04 PM	31671
Surr: 4-Bromofluorobenzene	127	66.6-132		%Rec	5	5/11/2017 8:57:04 PM	31671

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-7

Project: COPC Scott 9

Collection Date: 5/10/2017 9:55:00 AM

Lab ID: 1705588-002

Matrix: SOIL

Received Date: 5/11/2017 7:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/15/2017 11:30:41 AM	31684
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/15/2017 11:30:41 AM	31684
Surr: DNOP	83.6	70-130		%Rec	1	5/15/2017 11:30:41 AM	31684
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	18	2.8		mg/Kg	1	5/11/2017 9:44:36 PM	31671
Surr: BFB	338	54-150	S	%Rec	1	5/11/2017 9:44:36 PM	31671
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.014		mg/Kg	1	5/11/2017 9:44:36 PM	31671
Toluene	0.046	0.028		mg/Kg	1	5/11/2017 9:44:36 PM	31671
Ethylbenzene	ND	0.028		mg/Kg	1	5/11/2017 9:44:36 PM	31671
Xylenes, Total	0.20	0.056		mg/Kg	1	5/11/2017 9:44:36 PM	31671
Surr: 4-Bromofluorobenzene	119	66.6-132		%Rec	1	5/11/2017 9:44:36 PM	31671

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:		
*	Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P Sample pH Not In Range
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1705588

16-May-17

Client: Animas Environmental

Project: COPC Scott 9

Sample ID	LCS-31684	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	31684	RunNo:	42745					
Prep Date:	5/11/2017	Analysis Date:	5/12/2017	SeqNo:	1345195	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	97.3	63.8	116			
Surr: DNOP	4.9		5.000		97.9	70	130			

Sample ID	MB-31684	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	31684	RunNo:	42745					
Prep Date:	5/11/2017	Analysis Date:	5/12/2017	SeqNo:	1345196	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		103	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1705588

16-May-17

Client: Animas Environmental

Project: COPC Scott 9

Sample ID	MB-31671	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	31671	RunNo:	42718					
Prep Date:	5/10/2017	Analysis Date:	5/11/2017	SeqNo:	1344416	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		100	54	150			

Sample ID	LCS-31671	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	31671	RunNo:	42718					
Prep Date:	5/10/2017	Analysis Date:	5/11/2017	SeqNo:	1344417	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.1	76.4	125			
Surr: BFB	1100		1000		106	54	150			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1705588

16-May-17

Client: Animas Environmental

Project: COPC Scott 9

Sample ID	MB-31671	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	31671	RunNo:	42718					
Prep Date:	5/10/2017	Analysis Date:	5/11/2017	SeqNo:	1344435	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		114	66.6	132			

Sample ID	LCS-31671	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	31671	RunNo:	42718					
Prep Date:	5/10/2017	Analysis Date:	5/11/2017	SeqNo:	1344436	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	99.8	80	120			
Toluene	1.0	0.050	1.000	0	99.6	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		112	66.6	132			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |



Hall Environmental Analysis Laboratory
 4901 Hawkins NE
 Albuquerque, NM 87109
 TEL: 505-345-3975 FAX: 505-345-4107
 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **Animas Environmental**

Work Order Number: **1705588**

RcptNo: **1**

Received By: **Anne Thorne** 5/11/2017 7:20:00 AM

Anne Thorne

Completed By: **Anne Thorne** 5/11/2017 7:48:17 AM

Anne Thorne

Reviewed By: **ENM** 05/11/17

Chain of Custody

1. Custody seals intact on sample bottles? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Courier

Log In

4. Was an attempt made to cool the samples? Yes No NA
5. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
6. Sample(s) in proper container(s)? Yes No
7. Sufficient sample volume for indicated test(s)? Yes No
8. Are samples (except VOA and ONG) properly preserved? Yes No
9. Was preservative added to bottles? Yes No NA
10. VOA vials have zero headspace? Yes No No VOA Vials
11. Were any sample containers received broken? Yes No
12. Does paperwork match bottle labels?
 (Note discrepancies on chain of custody) Yes No
13. Are matrices correctly identified on Chain of Custody? Yes No
14. Is it clear what analyses were requested? Yes No
15. Were all holding times able to be met?
 (If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:		Date:	
By Whom:		Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 19, 2017

Elizabeth McNally
Animas Environmental Services
604 Pinon Street
Farmington, NM 87401
TEL:
FAX

RE: COPC Scott 9

OrderNo.: 1707842

Dear Elizabeth McNally:

Hall Environmental Analysis Laboratory received 3 sample(s) on 7/18/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
 Project: COPC Scott 9
 Lab ID: 1707842-001

Client Sample ID: SC-5
 Collection Date: 7/17/2017 10:25:00 AM
 Received Date: 7/18/2017 7:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	7/18/2017 11:20:04 AM	32851
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/18/2017 11:20:04 AM	32851
Surr: DNOP	88.8	70-130		%Rec	1	7/18/2017 11:20:04 AM	32851
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	7/18/2017 10:57:54 AM	32828
Surr: BFB	100	54-150		%Rec	1	7/18/2017 10:57:54 AM	32828
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	7/18/2017 10:57:54 AM	32828
Toluene	ND	0.038		mg/Kg	1	7/18/2017 10:57:54 AM	32828
Ethylbenzene	ND	0.038		mg/Kg	1	7/18/2017 10:57:54 AM	32828
Xylenes, Total	ND	0.076		mg/Kg	1	7/18/2017 10:57:54 AM	32828
Surr: 4-Bromofluorobenzene	111	66.6-132		%Rec	1	7/18/2017 10:57:54 AM	32828

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: SC-8

Project: COPC Scott 9

Collection Date: 7/17/2017 10:30:00 AM

Lab ID: 1707842-002

Matrix: SOIL

Received Date: 7/18/2017 7:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/18/2017 11:48:14 AM	32851
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/18/2017 11:48:14 AM	32851
Surr: DNOP	87.7	70-130		%Rec	1	7/18/2017 11:48:14 AM	32851
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	16		mg/Kg	5	7/18/2017 11:21:34 AM	32828
Surr: BFB	102	54-150		%Rec	5	7/18/2017 11:21:34 AM	32828
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.082		mg/Kg	5	7/18/2017 11:21:34 AM	32828
Toluene	ND	0.16		mg/Kg	5	7/18/2017 11:21:34 AM	32828
Ethylbenzene	ND	0.16		mg/Kg	5	7/18/2017 11:21:34 AM	32828
Xylenes, Total	ND	0.33		mg/Kg	5	7/18/2017 11:21:34 AM	32828
Surr: 4-Bromofluorobenzene	112	66.6-132		%Rec	5	7/18/2017 11:21:34 AM	32828

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services
 Project: COPC Scott 9
 Lab ID: 1707842-003

Client Sample ID: SC-9
 Collection Date: 7/17/2017 11:35:00 AM
 Received Date: 7/18/2017 7:00:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	25	9.7		mg/Kg	1	7/18/2017 12:16:18 PM	32851
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/18/2017 12:16:18 PM	32851
Surr: DNOP	88.9	70-130		%Rec	1	7/18/2017 12:16:18 PM	32851
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	67	18		mg/Kg	5	7/18/2017 11:45:13 AM	32828
Surr: BFB	187	54-150	S	%Rec	5	7/18/2017 11:45:13 AM	32828
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.092		mg/Kg	5	7/18/2017 11:45:13 AM	32828
Toluene	0.28	0.18		mg/Kg	5	7/18/2017 11:45:13 AM	32828
Ethylbenzene	ND	0.18		mg/Kg	5	7/18/2017 11:45:13 AM	32828
Xylenes, Total	1.7	0.37		mg/Kg	5	7/18/2017 11:45:13 AM	32828
Surr: 4-Bromofluorobenzene	120	66.6-132		%Rec	5	7/18/2017 11:45:13 AM	32828

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1707842

19-Jul-17

Client: Animas Environmental Services

Project: COPC Scott 9

Sample ID MB-32851	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 32851	RunNo: 44282								
Prep Date: 7/18/2017	Analysis Date: 7/18/2017	SeqNo: 1398387			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.8		10.00		97.7	70	130			

Sample ID LCS-32851	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 32851	RunNo: 44282								
Prep Date: 7/18/2017	Analysis Date: 7/18/2017	SeqNo: 1398621			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	56	10	50.00	0	112	73.2	114			
Surr: DNOP	4.6		5.000		91.9	70	130			

Sample ID 1707842-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SC-5	Batch ID: 32851	RunNo: 44282								
Prep Date: 7/18/2017	Analysis Date: 7/18/2017	SeqNo: 1398839			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	56	9.4	46.90	3.250	112	55.8	122			
Surr: DNOP	4.4		4.690		94.4	70	130			

Sample ID 1707842-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SC-5	Batch ID: 32851	RunNo: 44282								
Prep Date: 7/18/2017	Analysis Date: 7/18/2017	SeqNo: 1398963			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	58	9.9	49.26	3.250	111	55.8	122	3.77	20	
Surr: DNOP	4.7		4.926		94.6	70	130	0	0	

Sample ID LCS-32836	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 32836	RunNo: 44282								
Prep Date: 7/17/2017	Analysis Date: 7/18/2017	SeqNo: 1399678			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Surr: DNOP	4.4		5.000		88.8	70	130			
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Sample ID MB-32836	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 32836	RunNo: 44282								
Prep Date: 7/17/2017	Analysis Date: 7/18/2017	SeqNo: 1399679			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1707842
19-Jul-17

Client: Animas Environmental Services
Project: COPC Scott 9

Sample ID MB-32836	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 32836	RunNo: 44282								
Prep Date: 7/17/2017	Analysis Date: 7/18/2017	SeqNo: 1399679	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.4		10.00		84.4	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1707842

19-Jul-17

Client: Animas Environmental Services

Project: COPC Scott 9

Sample ID	MB-32828	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	32828	RunNo:	44294					
Prep Date:	7/17/2017	Analysis Date:	7/18/2017	SeqNo:	1399599	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		95.8	54	150			

Sample ID	LCS-32828	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	32828	RunNo:	44294					
Prep Date:	7/17/2017	Analysis Date:	7/18/2017	SeqNo:	1399600	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	76.4	125			
Surr: BFB	1100		1000		105	54	150			

Sample ID	LCSD-32828	SampType:	LCSD	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS02	Batch ID:	32828	RunNo:	44294					
Prep Date:	7/17/2017	Analysis Date:	7/18/2017	SeqNo:	1399601	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000							0	0	

Sample ID	MB-32814	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	32814	RunNo:	44294					
Prep Date:	7/14/2017	Analysis Date:	7/18/2017	SeqNo:	1399613	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	980		1000		98.2	54	150			

Sample ID	LCS-32814	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	32814	RunNo:	44294					
Prep Date:	7/14/2017	Analysis Date:	7/18/2017	SeqNo:	1399614	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		107	54	150			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1707842
19-Jul-17

Client: Animas Environmental Services
Project: COPC Scott 9

Sample ID	MB-32828	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	32828	RunNo:	44294					
Prep Date:	7/17/2017	Analysis Date:	7/18/2017	SeqNo:	1399633	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		108	66.6	132			

Sample ID	LCS-32828	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	32828	RunNo:	44294					
Prep Date:	7/17/2017	Analysis Date:	7/18/2017	SeqNo:	1399634	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	100	80	120			
Toluene	0.99	0.050	1.000	0	98.7	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		111	66.6	132			

Sample ID	LCSD-32828	SampType:	LCSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS02	Batch ID:	32828	RunNo:	44294					
Prep Date:	7/17/2017	Analysis Date:	7/18/2017	SeqNo:	1399635	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	80	120	3.01	20	
Toluene	1.0	0.050	1.000	0	102	80	120	2.92	20	
Ethylbenzene	1.0	0.050	1.000	0	103	80	120	2.89	20	
Xylenes, Total	3.1	0.10	3.000	0	104	80	120	3.23	20	
Surr: 4-Bromofluorobenzene	1.1		1.000		111	66.6	132	0		

Sample ID	MB-32814	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	32814	RunNo:	44294					
Prep Date:	7/14/2017	Analysis Date:	7/18/2017	SeqNo:	1399647	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		113	66.6	132			

Sample ID	LCS-32814	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	32814	RunNo:	44294					
Prep Date:	7/14/2017	Analysis Date:	7/18/2017	SeqNo:	1399648	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1707842

19-Jul-17

Client: Animas Environmental Services

Project: COPC Scott 9

Sample ID	LCS-32814	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	32814	RunNo:	44294					
Prep Date:	7/14/2017	Analysis Date:	7/18/2017	SeqNo:	1399648	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		113	66.6	132			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1707842

RcptNo: 1

Received By: Anne Thorne

7/18/2017 7:00:00 AM

Anne Thorne

Completed By: Anne Thorne

7/18/2017 7:23:56 AM

Anne Thorne

Reviewed By:

[Signature]

7/18/17

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? Courier

Log In

- 4. Was an attempt made to cool the samples? Yes No NA
- 5. Were all samples received at a temperature of >0°C to 6.0°C? Yes No NA
- 6. Sample(s) in proper container(s)? Yes No
- 7. Sufficient sample volume for indicated test(s)? Yes No
- 8. Are samples (except VOA and ONG) properly preserved? Yes No
- 9. Was preservative added to bottles? Yes No NA
- 10. VOA vials have zero headspace? Yes No No VOA Vials
- 11. Were any sample containers received broken? Yes No
- 12. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)
- 13. Are matrices correctly identified on Chain of Custody? Yes No
- 14. Is it clear what analyses were requested? Yes No
- 15. Were all holding times able to be met? Yes No
(If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:		Date:	
By Whom:		Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:			
Client Instructions:			

17. Additional remarks: *per CL SC-9 collection Date is 1135/A 07/18/12*

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.6	Good	Yes			

Photo #1		
Client: ConocoPhillips		
Project Name: Scott 9 San Juan County, NM		
Date Photo Taken: November 10, 2016		
BGT GPS and Location: 36.90335, -107.90961 NE¼ NW¼, Section 17, T31N, R10W		
Taken by: Corwin Lameman, AES		Subject: BGT Sampling, November 2016
		Description: Facing E, BGT S-1 sample location.

Photo #2		
Client: ConocoPhillips		
Project Name: Scott 9 San Juan County, NM		
Date Photo Taken: December 13, 2016		
BGT GPS and Location: 36.90335, -107.90961 NE¼ NW¼, Section 17, T31N, R10W		
Taken by: Corwin Lameman, AES		Subject: Release Assessment, December 2016
		Description: Facing W, SB-1 through SB-11 sample locations.

Photo #3	
Client: ConocoPhillips	
Project Name: Scott 9 San Juan County, NM	
Date Photo Taken: April 26, 2017	
BGT GPS and Location: 36.90335, -107.90961 NE¼ NW¼, Section 17, T31N, R10W	
Taken by: Corwin Lameman, AES	

Photo #4	
Client: ConocoPhillips	
Project Name: Scott 9 San Juan County, NM	
Date Photo Taken: May 10, 2017	
BGT GPS and Location: 36.90335, -107.90961 NE¼ NW¼, Section 17, T31N, R10W	
Taken by: Corwin Lameman, AES	

Photo #5	
Client: ConocoPhillips	
Project Name: Scott 9 San Juan County, NM	
Date Photo Taken: May 10, 2017	
BGT GPS and Location: 36.90335, -107.90961 NE¼ NW¼, Section 17, T31N, R10W	
Taken by: Corwin Lameman, AES	
	Excavation Dimensions: In Progress
	Description: Facing NE, wellhead and construction of ramp access.

Photo #6	
Client: ConocoPhillips	
Project Name: Scott 9 San Juan County, NM	
Date Photo Taken: July 17, 2017	
BGT GPS and Location: 36.90335, -107.90961 NE¼ NW¼, Section 17, T31N, R10W	
Taken by: Corwin Lameman, AES	
	Excavation Dimensions: 32 ft x 40 ft x 38 ft deep
	Description: Facing SE, final excavation extents.

Photo #7	
Client: ConocoPhillips	
Project Name: Scott 9 San Juan County, NM	
Date Photo Taken: July 17, 2017	
BGT GPS and Location: 36.90335, -107.90961 NE¼ NW¼, Section 17, T31N, R10W	
Taken by: Corwin Lameman, AES	
Subject: Completed Excavation, July 2017	
Excavation Dimensions: 32 ft x 40 ft x 38 ft deep	
Description: Facing N, ramp access to completed excavation.	