Form C-144 July 21, 2008

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or
<u>Proposed Alternative Method Permit or Closure Plan Application</u>

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, 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: SIMCOE LLC OGRID #: 329736
Address: 1199 Main Ave., Suite 101, Durango, CO 81301
Facility or well name: HORTON GAS COM 001
APPNumber: 3004527497 OCD Permit Number:
U/L or Qtr/Qtr A Section 28.0 Township 31.0N Range 09W County: San Juan County
Center of Proposed Design: Latitude
Surface Owner:  Federal State Private Tribal Trust or Indian Allotment
Pit: Subsection F or G of 19.15.17.11 NMAC     Temporary:   Drilling   Workover     Permanent   Emergency   Cavitation   P&A     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.   Closed-loop System: Subsection H of 19.15.17.11 NMAC     Type of Operation:   P&A   Drilling a new well   Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)     Drying Pad   Above Ground Steel Tanks   Haul-off Bins   Other     Lined   Unlined   Liner type: Thickness   mil   LLDPE   HDPE   PVC   Other     Liner Seams:   Welded   Factory   Other     4.
Below-grade tank: Subsection I of 19.15.17.11 NMAC   Tank ID:   A
5.  Alternative Method:  Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)  Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)  Four foot height, four strands of barbed wire evenly spaced between one and four feet  Alternate. Please specify			
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)			
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			
9.  Administrative Approvals 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:  Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.  Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.			
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. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.			
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No		
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 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks)  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA		
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  (Applies to permanent pits)  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA		
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.  NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site			
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval obtained from the municipality			
<ul> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>			
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No		
<ul> <li>Within an unstable area.</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	☐ Yes ☐ No		
Within a 100-year floodplain FEMA map	☐ Yes ☐ No		

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 19.15.17.12 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:				
Closed-loop Systems 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.  Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - 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:  Previously Approved Operating and Maintenance Plan API Number:  API Number:  (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)				
Dermanent 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   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   Preeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC   Nuisance or Hazardous Odors, including H <sub>2</sub> S, 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				
14.   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 Closed-loop System Alternative    Alternative   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 (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)				
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 F 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 G of 19.15.17.13 NMAC				

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13. Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if facilities are required.				
Disposal Facility Name: Disposal Facility Permit Number:				
Disposal Facility Name: Disposal Facility Permit Number:				
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that <i>will not</i> be used for future service and operations?  Yes (If yes, please provide the information below) No				
Required for impacted areas which will not be used for future service and operations:  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 G of 19.15.17.13 NMAC  Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC				
17.  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 may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.				
Ground water is less than 50 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA			
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ 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	☐ Yes ☐ No ☐ NA			
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			
<ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	☐ Yes ☐ No			
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.  - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ 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			
Within the area overlying a subsurface mine.  - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No			
<ul> <li>Within an unstable area.</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	☐ Yes ☐ No			
Within a 100-year floodplain FEMA map	☐ Yes ☐ No			
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 F of 19.15.17.13 NMAC  Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements 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 19.15.17.13 NMAC  Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC  Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F 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 I of 19.15.17.13 NMAC  Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC				

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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:		
OCD Approval: Permit Application (including closure plan)			
OCD Representative Signature: Victoria Venegas	<b>Approval Date:</b> 12/29/2021		
Title: Environmental Specialist	OCD Permit Number:		
Closure Report (required within 60 days of closure completion): Subsection K of 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:			
22.  Closure Method:  Waste Excavation and Removal ☐ On-Site Closure Method ☐ If different from approved plan, please explain.	☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)		
Instructions: Please indentify the facility or facilities for where the latwo facilities were utilized.  Disposal Facility Name:  Disposal Facility Name:	rmed on or in areas that <i>will not</i> be used for future service and operations?		
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) ☐ Plot Plan (for on-site closures and temporary pits) ☐ Confirmation Sampling Analytical Results (if applicable) ☐ Waste Material Sampling Analytical Results (required for on-sit ☐ 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	e closure)  Longitude107.779516 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): Steve Moskal Title: Environmental Coordinator			
e-mail address: smoskal@ikavenergy.com	Date: 12/14/2020  Telephone: (505) 330-9179		

	nitted with this closure report is true, accurate and complete to the best of my knowledge and blicable closure requirements and conditions specified in the approved closure plan.
Name (Print):	Title:
Signature:	Date:
e-mail address:	Telephone:

### SIMCOE LLC

### SAN JUAN BASIN, NORTHWEST NEW MEXICO

### BELOW-GRADE TANK CLOSURE PLAN

Horton Gas Com # 1 – Tank ID: A

API #: 3004527497

Unit Letter A, Section 28, T31N, R09W

This plan will address the standard protocols and procedures for closure of below-grade tanks (BGTs) on SIMCOE LLC well sites. As stipulated in Paragraph A of 19.15.17.13 NMAC, BP shall close a BGT within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the New Mexico Oil Conservation Division (NMOCD) requires because of imminent danger to fresh water, public health, safety or the environment. If deviations from this plan are necessary, any specific changes will be included on form C-144 and approved by the NMOCD. BP shall close an existing BGT that does 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 after June 16, 2008, if not retrofit with a BGT that complies with the BPX's NMOCD approved BGT design attached to the BP Design and Construction Plan. BP shall close an existing BGT that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC, if not previously retrofitted to comply with the BP's NMOCD approve BGT Design attached to the BP Design and Construction Plan, prior to any sale or change in operator pursuant to 19.15.9.9 NMAC. BP shall close the permitted BGT within 60 days of cessation of the BGTs operation or as required by the transitional provisions of Subsection B, D, or E of 19.15.17.17 NMAC.

### **General Closure Plan**

1. BP shall notify the surface owner by certified mail that it plans to close a BGT. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records demonstrates compliance with this requirement.

### Notice is attached.

2. BP shall notify the division District III office verbally or by other means at least 72 hours, but not more than one (1) week, prior to any closure operation. The notice shall include the operator's name, and the location to be closed by unit letter, section, township and range. If the BGT closure is associated with a particular well, then the notice shall also include the well's name, number and API number.

### Notice was provided and documented in the attached email.

- 3. BP shall remove liquids and sludge from the BGT prior to implementing a closure method and dispose of the liquids and sludge in a NMOCD's division-approved facility. The facilities to be used are:
  - a. BP Crouch Mesa Landfarm, Permit NM-02-003 (Solids)
  - b. JFJ Landfarm, Permit NM-01-010(B) (Solids and Sludge)
  - c. Basin Disposal, Permit NM-01-0005 (Liquids)
  - d. Envirotech Inc Soil Remediation Facility, Permit NM-01-0011 (Solids and Sludge)
  - e. BP Operated E.E. Elliott SWD #1, API 30-045-27799 (Liquids)
  - f. BP Operated 13 GCU SWD #1, API 30-045-28601 (Liquids)
  - g. BP Operated GCU 259 SWD, API 30-045-20006 (Liquids)
  - h. BP Operated GCU 306 SWD, API 30-045-24286 (Liquids)
  - i. BP Operated GCU 307 SWD, API 30-045-24248 (Liquids)
  - i. BP Operated GCU 328 SWD, API 30-045-24735 (Liquids)
  - k. BP Operated Pritchard SWD #1, API 30-045-28351 (Liquids)

All liquids and/or sludge within the BGT were removed and sent to one of the above NMOCD approved facilities for disposal.

4. BP shall remove the BGT and dispose of it in a NMOCD approved facility or recycle, reuse, or reclaim it in a manner that the NMOCD approves. If a liner is present and must be disposed of it will be cleaned by scraping any soils or other attached materials on the liner to a de minimus amount and disposed at a permitted solid waste facility, pursuant to Subparagraph (m) of Paragraph (1) of Subsection C of 19.15.35.8 NMAC. Documentation as to the final disposition of the removed BGT will be provided in the final closure report.

### The BGT was transported for recycling.

5. BP shall remove any on-site equipment associated with a BGT unless the equipment is required for well production.

### All equipment associated with the BGT has been removed.

6. BP shall test the soils beneath the BGT to determine whether a release has occurred. BP shall collect at a minimum: a five (5) point composite sample and individual grab samples from any area that is wet, discolored or showing other evidence of a release and analyze for BTEX, TPH and chlorides. The testing methods for those constituents are as follows;

Constituents	Testing Method	Release Verification	Composite
		(mg/Kg)	Results
Benzene	US EPA Method SW-846 8021B or 8260B	0.2	< 0.018
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	< 0.072
TPH	US EPA Method SW-846 418.1	100	<49
Chlorides	US EPA Method 300.0 or 4500B	250 or background	<60

Notes:

mg/Kg = milligram per kilogram, pcs = point composite sample, BTEX = benzene, toluene, ethylbenzene, and total xylenes, TPH = total petroleum hydrocarbons. Other EPA methods that the division approves may be applied to all constituents listed. Chloride closure standards will be determined by which ever concentration level is greatest.

Soils beneath the BGT were sampled for TPH, BTEX, and chloride. All test parameters were below the stated limits. A field and laboratory reports are attached.

7. BP shall notify the division District III office of its results on form C-141. **Form C-141 is attached.** 

8. If it is determined that a release has occurred, then BP will comply with 19.15.30 NMAC and 19.15.29 NMAC, as appropriate.

Sampling results reveal no evidence of a release had occurred.

9. If the sampling demonstrates that a release has not occurred or that any release does not exceed the concentrations specified above, then BP shall backfill the excavation, with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover, re-contour and re-vegetate the location. The location will be reclaimed if it is not with in the active process area.

<u>Sampling results reveal no evidence of a release had occurred. BGT area has been backfilled with clean, earthen material after remedial activity has been completed.</u>

10. BP shall reclaim the BGT location and all areas associated with the BGT including associated access roads to a safe and stable condition that blends with the surrounding undisturbed area. BP shall substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in Subsection H of 19.15.17.13 NMAC, re-contour the location and associated areas to a contour that approximates the original contour and blends with the surrounding topography and re-vegetate according to Subsection I of 19.15.17.13 NMAC.

BGT area has been backfilled with clean, earthen material. Reclamation will be completed within the allowable timeframe and will meet the specified requirements of 19.15.17.13 NMAC.

11. The soil cover for closures where the BGT has been removed or remediated to the NMOCD's satisfaction shall consist of the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater. The soil cover will be constructed to the site's existing grade and all practicable efforts will be made to prevent ponding of water and erosion of the cover material.

BGT area has been backfilled with clean, earthen material. Reclamation will be completed within the allowable timeframe and will meet the specified requirements of 19.15.17.13 NMAC.

- 12. BP shall seed the disturbed area the first growing season after closure of the BGT. Seeding will be accomplished by drilling on the contour whenever practical or by other division-approved methods. Vegetative cover will be, at a minimum, 70% of the native perennial vegetative cover (un-impacted by overgrazing, fire or other intrusion damaging to native vegetation), consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintenance of that cover through two successive growing seasons. During the two growing seasons that prove viability, there shall be no artificial irrigation of the vegetation.

  BGT area has been backfilled with clean, earther material. Reclamation will be
  - BGT area has been backfilled with clean, earthen material. Reclamation will be completed within the allowable timeframe and will meet the specified requirements of 19.15.17.13 NMAC.
- 13. BP shall seed, plant and re-seed pursuant to Paragraph (3) of Subsection I of 19.15.17.13 NMAC, until the location successfully achieves the required vegetative cover.
  - BGT area has been backfilled with clean, earthen material. Reclamation will be completed within the allowable timeframe and will meet the specified requirements of 19.15.17.13 NMAC.
- 14. Pursuant to Paragraph (5) of Subsection I of 19.15.17.13 NMAC, BP shall notify the NMOCD when it has seeded or planted and when it successfully achieves re-vegetation.
  - BP will notify NMOCD when re-vegetation is successfully completed.
- 15. Within 60 days of closure completion, BP shall submit a closure report on NMOCD's form C-144, and will include the following;
  - a. proof of closure notification (surface owner and NMOCD)
  - b. sampling analytical reports; information required by 19.15.17 NMAC;
  - c. disposal facility name and permit number
  - d. details on back-filling, capping, covering, and where applicable re-vegetation application rates and seeding techniques and
  - e. site reclamation, photo documentation.

# Closure report on Form C-144 form is included & contains a photo of the current reclamation requirements completed.

- 16. BP shall certify that all information in the report and attachments is accurate, truthful, and compliant with all applicable closure requirements and conditions specified in the approved closure plan.
- 17. Certification section of Form C-144 has been completed.

From: Steven Moskal < <a href="mailto:Steven.Moskal@BPX.COM">Steven.Moskal@BPX.COM</a>>

**Sent:** Monday, October 26, 2020 10:28 AM

To: Smith, Cory, EMNRD < <a href="mailto:Cory.Smith@state.nm.us">Cory.Smith@state.nm.us</a>>

Cc: Don Buller <DON.BULLER@BPX.COM>; nvelez@cottonwoodconsulting.com; Patti Campbell

<<u>Patti.Campbell@bpx.com</u>>; 'jharter@cottonwoodconsulting.com' <<u>jharter@cottonwoodconsulting.com</u>>;

'ksiesser@cottonwoodconsulting.com' < ksiesser@cottonwoodconsulting.com>

Subject: [EXT] BGT Closure Notification - Horton Gas Com 001

SENT VIA E-MAIL TO: CORY.SMITH@STATE.NM.US

October 26, 2020

New Mexico Oil Conservation Division 1000 Rio Brazos Road Aztec, New Mexico 87410

RE: Notice of Proposed Below-Grade Tank (BGT) Closure

Horton Gas Com 001 API 30-045-27497 (A) Section 28 – T31N – R09W San Juan County, New Mexico

Dear Mr. Cory Smith,

In regards to the captioned subject and requirements of the NMOCD pit rule, this letter is notification that BP is planning to close a 45 bbl BGT that will no longer be operational at this well site. We anticipate this work to start on or around October 29, 2020 at 11 AM. This tank has been identified as out of compliance and is being closed at the request of the NMOCD; Incident # has not been issued.

Should you have any questions, please feel free to contact BP.

### Steve Moskal

Environmental Coordinator BP America Production Co. bpX energy - WBU 1199 Main Ave. | Suite 101 Durango | CO | 81301

Direct: 505.330.9179 steven.moskal@bpx.com



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Patti Campbell
Regulatory Analyst
BP America Production Company
BPX Energy Inc.
(970) 712-5997
patti.campbell@bpx.com



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From: Smith, Cory, EMNRD < Cory. Smith@state.nm.us>

Sent: Tuesday, October 27, 2020 1:40 PM

To: Steven Moskal <Steven.Moskal@BPX.COM>

Cc: Don Buller <DON.BULLER@BPX.COM>; nvelez@cottonwoodconsulting.com; Patti Campbell

<Patti.Campbell@bpx.com>; 'jharter@cottonwoodconsulting.com' <jharter@cottonwoodconsulting.com>;

'ksiesser@cottonwoodconsulting.com' <ksiesser@cottonwoodconsulting.com>

Subject: RE: BGT Closure Notification - Horton Gas Com 001

Steve,

Thank you for the notice, if an OCD Representative is not onsite on October 29, 2020 at 11 AM please proceed with the approved closure plan for the BGT.

If the date/sampling times change please notify the OCD ASAP of the changed sampling times.

Thank you,

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

bp



BP America Production Company 1199 Main Ave., Suite 101

October 26, 2020

DEWEY & MARCELLA SEXTON 52 ROAD 2930 AZTEC, NM 87410-9718

### VIA MAIL

Re: Notification of plans to close/remove a below grade tank Well Name: HORTON GAS COM #001 API# 30-045-27497 A-28-31N-09W

Dear Dewey & Marcella Sexton,

As part of the NM "Pit Rule": 19.15.17.13 Closure Requirements, Paragraph J. BP America Production Company (BP) as a contractor operator for SIMCOE LLC is required to notify the surface owner of SIMCOE LLC's plans to close/remove a below grade tank. BP wishes to inform you of SIMCOE's plans to close/remove the below grade tank on its well pad located on your surface. BP plans to commence this work on or about October 29, 2020 at 11 a.m. Barring any unforeseen issues, the work should be completed within 10 working days.

As a point of clarification, BP will be closing the below grade tank and either operating without one or replacing it with an above ground tank, the well site will continue to operate.

If witnessing of the tank removal is required, please contact Steve Moskal for a specific time (505)-330-9179.

Sincerely,

Patti Campbell

Patti Campbell BPX – San Juan Regulatory Analyst 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-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

# **Release Notification**

# **Responsible Party**

	Responsible Party SIMCOE LLC			329736	
Contact Name Steve Moskal			Contact Telephone (505) 330-9179		
Contact email smoskal@ikavenergy.com			Incident #	Incident # (assigned by OCD)  ngo, CO 81301	
Contact mailing address 1199 Main Ave., Suite 101, Durang		Ourango, CO 8			
		Location	of Release S	Source	
Latitude	36.873133		Longitude		
		(NAD 83 in deci	imal degrees to 5 decir	mal places)	
Site Name <b>HORTO</b>	N GAS COM 0	01	Site Type	Natural Gas Well	
Date Release Discover	ed		API# (if app	pplicable) 3004527497	
Unit Letter Section	n Township	Danca	Coun		
Omi Letter   Section	i rownsnip				
A 28	31N	1 09W	San J	Iuan	
A 28 Surface Owner: □ Sta	31N te ☐ Federal ☐ T	09W	San J	ewey and Marcella Sexton	
Surface Owner:   Sta	te Federal T	ribal ⊠ Private (N  Nature and  Ill that apply and attach of	Volume of	Release c justification for the volumes provided below)	
Surface Owner: Sta	te Federal T  rial(s) Released (Select a  Volume Release	ribal ⊠ Private (N  Nature and  ll that apply and attach of the control of the c	Volume of	Release  c justification for the volumes provided below)  Volume Recovered (bbls)	
Surface Owner:   Sta	te Federal T  erial(s) Released (Select a  Volume Release  Volume Release	ribal Private (N  Nature and  all that apply and attach of the control of the con	Volume of Decalculations or specific	Release  c justification for the volumes provided below)  Volume Recovered (bbls)  Volume Recovered (bbls)	
Surface Owner: Sta	te Federal T  erial(s) Released (Select a  Volume Release  Volume Release  Is the concentra	ribal ☑ Private (N  Nature and  Ill that apply and attach or ed (bbls) ed (bbls) tion of dissolved ch	Volume of Decalculations or specific	Release  c justification for the volumes provided below)  Volume Recovered (bbls)	
Surface Owner: Sta	te Federal T  erial(s) Released (Select a  Volume Release  Volume Release	ribal ⊠ Private (N  Nature and  all that apply and attach or ed (bbls)  ed (bbls)  tion of dissolved ch >10,000 mg/l?	Volume of Decalculations or specific	Release  c justification for the volumes provided below)  Volume Recovered (bbls)  Volume Recovered (bbls)	
Surface Owner: Sta  Mat Crude Oil Produced Water	te Federal T  erial(s) Released (Select a  Volume Release  Volume Release  Is the concentra produced water	ribal ☑ Private (N  Nature and  Ill that apply and attach of the control of the	Volume of Decalculations or specific	Release  c justification for the volumes provided below)  Volume Recovered (bbls)  Volume Recovered (bbls)  Yes \[ \] No	
Surface Owner: Sta  Mat Crude Oil Produced Water  Condensate	te Federal T  erial(s) Released (Select a  Volume Release  Volume Release  Is the concentra produced water  Volume Release  Volume Release  Volume Release	ribal ☑ Private (N  Nature and  Ill that apply and attach of the control of the	Volume of Decalculations or specifical	Release  c justification for the volumes provided below)  Volume Recovered (bbls)  Volume Recovered (bbls)  Yes \[ \] No  Volume Recovered (bbls)	

Received by OCD: 12/16/2020 11:57:00 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

	Page 14 0j 2
Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respon	sible party consider this a major release?	
19.15.29.7(A) NMAC?			
☐ Yes ⊠ No			
If VES, was immediate no	ntice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?	
	once given to the OCD: By whom: To win	om: when and by what means (phone, eman, etc):	
Not required.			
	Initial Re	esponse	
The responsible p	party must undertake the following actions immediately	vunless they could create a safety hazard that would result in injury	
☐ The source of the rele	ease has been stopped.		
The impacted area ha	s been secured to protect human health and	the environment.	
Released materials ha	ive been contained via the use of berms or di	ikes, absorbent pads, or other containment devices.	
All free liquids and re	ecoverable materials have been removed and	l managed appropriately.	
If all the actions described	d above have <u>not</u> been undertaken, explain w	vhy:	
Per 19 15 29 8 B (4) NM	AC the responsible party may commence re	emediation immediately after discovery of a release. If remediation	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.			
		pest of my knowledge and understand that pursuant to OCD rules and	
		Concations and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have	
failed to adequately investiga	ate and remediate contamination that pose a threa	at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws	
and/or regulations.	ra C-141 report does not reneve the operator of r	esponsionity for compnance with any other rederal, state, or local laws	
Printed Name: Steve	e Moskal	Title: Environmental Coordinator	
Signature:		Date:	
email: <u>smoskal@ik</u>	cavenergy.com	Telephone: (505) 330-9179	
OCD Only			
Received by:		Date:	

CLIENT:	SIMCOE		OX 1653, I	OD CONSI DURANGO	o, COLO		API#: .	3004	_	497
			(97	0) 764-735	56		(if appli	cble):	A	
FIELD	REPORT:	(circle one): BO	ST CONFIRMATION .	/ RELEASE INVESTI	Gation / 01	THER:	PAGI	≣#: <u>1</u>	of	_1
SITE IN	NFORMATION .	J: SITE NA	AME: HORTO	N GC #1			DATE S	TARTED:	10/2	9/20
	A SEC: 28 TWP:				Y: SJ	ST: N	л	INISHED:		
	rage: 1,000'N / 90					FEE / INDIAN		NMENTAL		
,	•					E C			N.	JV
	RENCE POINT							CL ELE	6	1.12'
				873133 X 107		1 X 10/.//	DE/BEARING FROM		∨∷ <u> </u>	143 I3 5F
,	,									
2)										
3)										
						DISTANC	CE/BEARING FROM	P&A:		OVM
	ING DATA:			OR LAB USED:			00450/000	4D/200 0	(OI)	READING (ppm)
	5PC-TB @ 4.5								(CI)	0.0
	:									
*	:	<del>-</del>	· ·							
5) SAMPLE ID	:	SA	MPLE DATE:	SAMPLE TIME:		LAB ANALYSIS:				
SOIL D	ESCRIPTION	SOIL TYPE: S	AND SILTY SAND	SILT / SILTY CLAY / 0	CLAY / GRAVEI	L / OTHER				
	DARK YEL			PLASTICITY (CLAYS)			ΠC / COHESIVE /	MEDIUM PLAS	TIC / HIGHL	Y PLASTIC
COHESION (ALL OT	HERS): NON COHESIVE SLIGHTL	Y COHESIVE / COHESI	VE / HIGHLY COHESIVE	1 '						
	(NON COHESIVE SOILS): LC			HC ODOR DETECTE	D: YES/NO	EXPLANATION -				
	SLIGHTLY MOIST / MOIST / W GRAB COMPOSITE - #			AND ADEAG BIODI A	VINO METNEO	0 1/50 1/10 5	VDI ANIATION			
	/STAINING OBSERVED: YES			ANY AREAS DISPLA	YING WEINES	5: YES [NO] E	XPLANATION -			
	BSERVATION			E YES NO EXPLAN	ATION -					
	ENCE OF A RELEASE OBSERVE									
EQUIPMENT SE	TOVER RECLAIMED AREA:	YES NO EXPLA	NATION -							
	D REP. NOT PRESENT 1 NOT VISIBLE PRIOR TO		NFIRMATION SA	MPLING. NOTIC	E TO CLOSE	BGT COMMU	INICATED TO	SIMCOE F	ROM NIV	IOCD.
	DIMENSION ESTIMATION		ft. X NA	ft. X NA	ft.	EXCAVATION	N ESTIMATION	۷ (Cubic Yar	ds) :	NA
DEPTH TO GRO	UNDWATER: <50'	NEAREST WATE	R SOURCE: >1,00	00' NEAREST SURF	ACE WATER:	300' <x<1,00< td=""><td>00' NMOCD</td><td>TPH CLOSUR</td><td>E STD:</td><td><b>100</b> ppm</td></x<1,00<>	00' NMOCD	TPH CLOSUR	E STD:	<b>100</b> ppm
SITE SK	(ETCH	BGT Located	: off /on sit	te PLOT P	LAN circl	le: attached	OVM CALIB. REA	\D. = <b>99.</b>	6 ppn	1 BE 400
	L					<b>A</b>	OVM CALIB. GAS			141 1,00
						ΝÎ	TIME: _11:10			0/29/20
	TO <b>W</b> .H.					14				
								CELL.	NOI	E9
			COMPRESSO	DR .			PO:			
		$\sim$					AFE #:			
				BERM			SIO #:			
		/	$\left\langle \left( \begin{array}{c} \left( \begin{array}{c} x \\ x \\ x \end{array} \right) \right\rangle \right\rangle$				GL#:	40/0).	06/4/4/	40
		FENCE -		PBGTL			Permit da		06/14/ 05/10/	
				B. ~ 4.5'			Tank C	OVM = Organic	Vapor Met	
				B.G.			• • • • • • • • • • • • • • • • • • • •	pm = parts per dewalls Visik	_	N
					v	, GDD	DOT O	dewalls Visib	$\overline{}$	
NOTES: BGT = RELO	OW-GRADE TANK; E.D. = EXCAVATI	ON DEPRESSION: B.C.	= RELOW GRADE: R = F	RELOW! TH = TEST HOLD		K - S.P.D. WH = WELL HEAD:		dewalls Visib	ole: Y / N	N
T.B. = TANK	(BOTTOM; PBGTL = PREVIOUS BEL	LOW-GRADE TANK LOC	CATION; SPD = SAMPLE	POINT DESIGNATION; R.	W. = RETAINING \		Magnetic	declination	on: 10	°E
	LE OR NOT AVAILABLE; SW-SINGL					20	I			
NOTES: 60	OGLE EARTH IMAG	ERT DATE:	4/6/2019	ONSITE	<sub>::</sub> 10/29/2	.U				

# Analytical Report Lab Order 2010D24

Date Reported: 11/3/2020

# Hall Environmental Analysis Laboratory, Inc.

CLIENT:SIMCOE/Cottonwood ConsultingClient Sample ID: 5PC-TB @ 4.5' (45)Project:Horton GC 1Collection Date: 10/29/2020 11:05:00 AMLab ID:2010D24-001Matrix: SOILReceived Date: 10/30/2020 8:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/30/2020 9:37:49 AM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/30/2020 9:37:49 AM
Surr: DNOP	95.0	30.4-154	%Rec	1	10/30/2020 9:37:49 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	3.6	mg/Kg	1	10/30/2020 11:25:53 AM
Surr: BFB	96.9	75.3-105	%Rec	1	10/30/2020 11:25:53 AM
EPA METHOD 8021B: VOLATILES					Analyst: <b>RAA</b>
Benzene	ND	0.018	mg/Kg	1	10/30/2020 11:25:53 AM
Toluene	ND	0.036	mg/Kg	1	10/30/2020 11:25:53 AM
Ethylbenzene	ND	0.036	mg/Kg	1	10/30/2020 11:25:53 AM
Xylenes, Total	ND	0.072	mg/Kg	1	10/30/2020 11:25:53 AM
Surr: 4-Bromofluorobenzene	95.5	80-120	%Rec	1	10/30/2020 11:25:53 AM
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	ND	60	mg/Kg	20	10/30/2020 12:40:59 PM

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

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 Quanitative 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 Limit

Page 1 of 8

	ain-c	of-Cus	Chain-of-Custody Record	Turn-Around	Lime:	SAME			5			1//	(	6	Ĺ	ŀ		Rec
Client: SI	MCOE	07/21	SIMCOE LLC / COTTONWOOD CONSULTING	Standard	✓ Rush	DAY				ANALYSTS LABORATORY	Y K	V	2	0	VSTS I ABORATOR	2 0		eived
to In				Project Name:					, S	www.hallenvironmental.com	allenv	ronm	ental	Com	5			bv O
Mailing Address:	ress:	1100 MAIN ST.	AIN ST.	-	HORTON GC	C #1		1064	Hawkir	4901 Hawkins NE -		Albuquerque, NM 87109	ue, N	M 8	7109			CD:
ıg: 1.		DURANG	DURANGO, COLO. 81301	Project #:				Tel. 5	05-345	505-345-3975		x 505	505-345-4107	-410				12/1
2/29/ Bhone #:		(505) 330-9179	30-9179								Ana	sis Re	Request	ţ.				6/20
email or Fax#:	#:			Project Manag	Jer.			-		-		(1			(1			201
67:11 ☐ QA/QC Package:	ige:		Level 4 (Full Validation)		STEVE MOSKAL	SKAL				(SI					er - 300.1			1:57:00
Accreditation:	7:			Sampler:					(1	_					tew '			AM
M NELAP		□ Other		On Ice:	☑ Yes	No ON [			·8T		_			(A	0.0			(N
□ EDD (Type)	(ə.			Sample Temperature:	erature:  . 8 -	0.1=1.7			₽ pc	_				ΟΛ-	08 - 1	Э	ətisc	Y or
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	BTEX <del>← MTB</del>	BTEX + MTB TPH 8015B (	TPH (Meth	EDB (Meth	BCRA 8 Me	O,7) anoinA oite9¶ 1808	8560B (VO	imə2) 07 <u>5</u> 8	ios) əbiroldƏ	Grab sampl	5 pt. compo	) səlddu8 riA
10/29/20	1105	SOIL	5PC-TB @ 4.5 (45)	4 oz 1	Cool	100	>	>			-		_		>		>	
								-		-		-			-			
								+		+		+		1	$\dashv$			T
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Date: Tin	Time:	Relinquished by:	ad by:	Received by:		Date Time	Remarks:	ks:	BILLDIR	BILL DIRECTLY TO SIMCOE LLC USING INFORMATION BELOW.	SIMCC	ELLCU	SING IN	FORM	ATION E	SELOW.		
9/20	1441	1	my	Much	Walker	120%	S	ITACT:	Steve	CONTACT: Steve Moskal / Don Buller	I / Don	Bulle						Pas
10   24   257.0   1"	1754	Kelinguished by:	Christial Waltur	Received by:	UKTEK 10	10/30/20 8:00		PO #:	Relate	PO #: Related to 2020 BGT Compliance	20 BG	T Com	plianc	ø			1	e 17 of
	f necessal	ry, samples su	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report	ubcontracted to other	accredited laboratorie	ss. This serves as notice of	this poss	ibility. A	ny sub-co	ontracted	data will	be clear	y notate	ad on th	e analyti	cal repo		127

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2010D24** 

03-Nov-20

Client: SIMCOE/Cottonwood Consulting

**Project:** Horton GC 1

Sample ID: MB-56117 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 56117 RunNo: 73036

Prep Date: 10/30/2020 Analysis Date: 10/30/2020 SeqNo: 2568648 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-56117 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 56117 RunNo: 73036

Prep Date: 10/30/2020 Analysis Date: 10/30/2020 SeqNo: 2568649 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 92.6 90 110

### 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 Quanitative 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 Limit

Page 2 of 8

# Hall Environmental Analysis Laboratory, Inc.

WO#: 2010D24

03-Nov-20

**Client:** SIMCOE/Cottonwood Consulting

**Project:** Horton GC 1

Sample ID: MB-56120 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 56120 RunNo: 73028 Prep Date: 10/30/2020 Analysis Date: 10/30/2020 SeqNo: 2567377 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

Diesel Range Organics (DRO) 10 ND Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 9.3 10.00 93.2 30.4 154

Sample ID: LCS-56120 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 56120 RunNo: 73028

Prep Date: 10/30/2020 Analysis Date: 10/30/2020 SeqNo: 2567378 Units: mg/Kg

Analyte **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 10 44 50.00 87.2 70 130 Surr: DNOP 4.6 5.000 91.8 30.4 154

Sample ID: 2010D24-001AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: 5PC-TB @ 4.5' (45) Batch ID: 56120 RunNo: 73028

Prep Date: 10/30/2020 Analysis Date: 10/30/2020 SeqNo: 2568466 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 44 48.73 0 89.5 15 184 9.7

TestCode: EPA Method 8015M/D: Diesel Range Organics

Surr: DNOP 4.6 4.873 95.2 30.4 154

SampType: MSD Client ID: 5PC-TB @ 4.5' (45) Batch ID: 56120 RunNo: 73028

Prep Date: 10/30/2020 Analysis Date: 10/30/2020 SeqNo: 2568467 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual Analyte Result **PQL** LowLimit HighLimit Diesel Range Organics (DRO) 42 9.6 48.12 0 87.9 15 184 3.12 23.9 Surr: DNOP 4.5 4.812 93.5 30.4 154 0 0

#### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Η Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Sample ID: 2010D24-001AMSD

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RLReporting Limit Page 3 of 8

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2010D24** 

03-Nov-20

Client: SIMCOE/Cottonwood Consulting

**Project:** Horton GC 1

Sample ID: 2.5ug gro lcs	SampT	ype: LC	cs	Tes	tCode: <b>E</b> l	PA Method	8015D: Gaso	line Rang	е	
Client ID: LCSS	Batch	1D: <b>R7</b>	73039	F	RunNo: 7	3039				
Prep Date:	Analysis D	ate: 10	0/30/2020	S	SeqNo: 2	567685	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.5	72.5	106			
Surr: BFB	1100		1000		110	75.3	105			S
Sample ID: <b>mb</b>	SampT	уре: МІ	BLK	Tes	tCode: <b>E</b> l	PA Method	8015D: Gaso	line Rang	е	
Client ID: PBS	Batch	1D: <b>R7</b>	73039	F	RunNo: <b>7</b>	3039				
Prep Date:	Analysis D	ate: 10	0/30/2020	S	SeqNo: 2	567687	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		106	75.3	105			S
Sample ID: <b>2010c65-001ams</b>	SampT	ype: M	S	Tes	tCode: <b>E</b> l	PA Method	8015D: Gaso	line Rang	е	
Client ID: BatchQC	Batch	n ID: <b>56</b>	100	F	RunNo: 7	3039				
Prep Date: <b>10/29/2020</b>	Analysis D	ate: 10	0/30/2020	S	SeqNo: 2	567957	Units: %Rec	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		967.1		115	75.3	105			S
Sample ID: <b>2010c65-001ams</b>	<b>d</b> SampT	ype: <b>M</b> \$	SD	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: BatchQC	Batch	1D: <b>56</b>	100	F	RunNo: 7	3039				
Prep Date: <b>10/29/2020</b>	Analysis D	ate: 1	0/30/2020	S	SeqNo: 2	567958	Units: %Rec	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		987.2		114	75.3	105	0	0	S

Sample ID: 20	10c67-020ams	SampTyp	e: MS	<b>;</b>	les	tCode: <b>E</b> l	PA Method	8015D: Gaso	line Rang	<b>e</b>	
Client ID: Ba	atchQC	Batch II	D: <b>56</b> ′	106	R	RunNo: <b>7</b>	3039				
Prep Date: 1	0/29/2020	Analysis Dat	e: 10	/31/2020	S	SeqNo: 2	567979	Units: %Red	:		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		990		920.0		107	75.3	105			S

Sample ID: 2010c67-020amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: **BatchQC** Batch ID: 56106 RunNo: 73039 Prep Date: 10/29/2020 Analysis Date: 10/31/2020 SeqNo: 2567980 Units: %Rec Analyte Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** LowLimit Qual Surr: BFB 1100 990.1 107 75.3

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 Quanitative 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 Limit

Page 4 of 8

# Hall Environmental Analysis Laboratory, Inc.

820

WO#: 2010D24

S

0

03-Nov-20

**Client:** SIMCOE/Cottonwood Consulting

**Project:** Horton GC 1

Sample ID: 2010d24-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: 5PC-TB @ 4.5' (45) Batch ID: **R73039** RunNo: 73039

Prep Date: Analysis Date: 10/30/2020 SeqNo: 2567989 Units: mg/Kg

715.8

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) n 97.7 17 3.6 17.90 61.3 114 Surr: BFB 800 715.8 111 75.3 105 S

Sample ID: 2010d24-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: 5PC-TB @ 4.5' (45) Batch ID: R73039 RunNo: 73039 SeqNo: 2567990 Prep Date: Analysis Date: 10/30/2020 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 3.6 17.90 n 97.2 61.3 114 0.575 20

Sample ID: Ics-56100 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 56100 RunNo: 73039 Prep Date: 10/29/2020 Analysis Date: 10/30/2020 SeqNo: 2567991 Units: %Rec SPK value SPK Ref Val %REC %RPD **RPDLimit** Result PQL LowLimit Qual

75.3

115

105

0

Analyte HighLimit Surr: BFB 1200 1000 116 75.3 105 S Sample ID: Ics-56106 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 56106 RunNo: 73039

Prep Date: Analysis Date: 10/31/2020 SeqNo: 2567992 Units: %Rec 10/29/2020

Analyte Result **PQL** SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual LowLimit Surr: BFB 1100 1000 107 75.3 105 S

Sample ID: mb-56100 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PRS Batch ID: 56100 RunNo: 73039 Prep Date: 10/29/2020 Analysis Date: 10/30/2020 SeqNo: 2567993 Units: %Rec Analyte Result SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Surr: BFB 1000 1000 99.6 75.3 105

Sample ID: mb-56106 TestCode: EPA Method 8015D: Gasoline Range SampType: MBLK

Client ID: PBS Batch ID: 56106 RunNo: 73039 10/29/2020 SeqNo: 2567994

Prep Date: Analysis Date: 10/31/2020 Units: %Rec SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual

Surr: BFB 950 1000 95.3 75.3

#### Qualifiers:

Surr: BFB

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Η Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

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# Hall Environmental Analysis Laboratory, Inc.

WO#: **2010D24** 

03-Nov-20

Client: SIMCOE/Cottonwood Consulting

**Project:** Horton GC 1

Sample ID: 100ng btex Ics	SampT	ype: <b>LC</b>	S	Test	Code: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	ID: BS	73039	R	unNo: <b>7</b>	3039				
Prep Date:	Analysis D	ate: 10	/30/2020	S	eqNo: 2	567689	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.6	80	120			
Toluene	0.99	0.050	1.000	0	98.6	80	120			
Ethylbenzene	0.98	0.050	1.000	0	97.9	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.8	80	120			
Surr: 4-Bromofluorobenzene	0.99		1.000		99.1	80	120			
Sample ID: mb	SampT	уре: <b>МЕ</b>	BLK	Test	Code: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	ID: BS	73039	R	unNo: <b>7</b> 3	3039				
Prep Date:	Analysis D	ate: 10	/30/2020	S	eqNo: 2	567691	Units: mg/K	g		
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	1.0		1.000		105	80	120			
Sample ID: 2010c67-001ams	SampT	ype: <b>MS</b>	3	Test	Code: El	PA Method	8021B: Volat	iles		
Client ID: BatchQC	Batch	1D: <b>56</b>	100	R	unNo: <b>7</b>	3039				
Client ID: BatchQC Prep Date: 10/29/2020	Batch Analysis D				eqNo: <b>2</b>		Units: %Re	:		
·			/30/2020				Units: %Red	%RPD	RPDLimit	Qual
Prep Date: 10/29/2020	Analysis D	ate: 10	/30/2020	S	eqNo: 2	568000			RPDLimit	Qual
Prep Date: 10/29/2020 Analyte	Analysis D Result 1.0	ate: 10	SPK value 0.9881	SPK Ref Val	eqNo: <b>2</b> 9 %REC 101	<b>LowLimit</b> 80	HighLimit	%RPD	RPDLimit	Qual
Prep Date: 10/29/2020 Analyte Surr: 4-Bromofluorobenzene	Analysis D Result 1.0  SampT	PQL	SPK value 0.9881	SPK Ref Val	eqNo: <b>2</b> 9 %REC 101	LowLimit 80 PA Method	HighLimit 120	%RPD	RPDLimit	Qual
Prep Date: 10/29/2020 Analyte Surr: 4-Bromofluorobenzene  Sample ID: 2010c67-001amso	Analysis D Result 1.0  SampT	PQL Type: MS	SPK value 0.9881 6D	SPK Ref Val  Test	%REC 101 Code: <b>EF</b>	LowLimit 80 PA Method 3039	HighLimit 120	%RPD	RPDLimit	Qual
Prep Date: 10/29/2020 Analyte Surr: 4-Bromofluorobenzene  Sample ID: 2010c67-001amso Client ID: BatchQC	Analysis D Result 1.0 SampT Batch	PQL Type: MS	SPK value 0.9881 6D 100 0/30/2020	SPK Ref Val  Test	%REC 101 :Code: <b>EF</b>	LowLimit 80 PA Method 3039	HighLimit 120 8021B: Volat	%RPD	RPDLimit  RPDLimit	Qual
Prep Date: 10/29/2020  Analyte  Surr: 4-Bromofluorobenzene  Sample ID: 2010c67-001amsc  Client ID: BatchQC  Prep Date: 10/29/2020	Analysis D Result 1.0 SampT Batch Analysis D	PQL  Type: MS  TID: 564  Tate: 10	SPK value 0.9881 6D 100 0/30/2020	SPK Ref Val  Test	%REC 101 Code: EF LunNo: 7:	LowLimit 80 PA Method 3039 568001	HighLimit 120 8021B: Volat Units: %Rec	%RPD		
Prep Date: 10/29/2020  Analyte Surr: 4-Bromofluorobenzene  Sample ID: 2010c67-001amso Client ID: BatchQC Prep Date: 10/29/2020  Analyte	Analysis D Result 1.0  d SampT Batch Analysis D Result 0.90	PQL  Type: MS  TID: 564  Tate: 10	SPK value 0.9881 6D 100 0/30/2020 SPK value 0.9390	SPK Ref Val  Test R S SPK Ref Val	%REC 101 Code: EF unNo: 7: eqNo: 2! %REC 96.2	LowLimit 80  PA Method 3039  568001  LowLimit 80	HighLimit 120 8021B: Volat Units: %Red HighLimit	%RPD illes  %RPD 0	RPDLimit	
Prep Date: 10/29/2020  Analyte Surr: 4-Bromofluorobenzene  Sample ID: 2010c67-001amsc Client ID: BatchQC Prep Date: 10/29/2020  Analyte Surr: 4-Bromofluorobenzene	Analysis D Result 1.0  SampT Batch Analysis D Result 0.90  SampT	PQL  Type: MS  To ID: 566  PQL  PQL	SPK value 0.9881 6D 100 5PK value 0.9390	SPK Ref Val  Tesi SPK Ref Val  Tesi	%REC 101 Code: EF unNo: 7: eqNo: 2! %REC 96.2	LowLimit 80 PA Method 3039 568001 LowLimit 80 PA Method	HighLimit 120  8021B: Volat  Units: %Red  HighLimit 120	%RPD illes  %RPD 0	RPDLimit	
Prep Date: 10/29/2020  Analyte  Surr: 4-Bromofluorobenzene  Sample ID: 2010c67-001amsc Client ID: BatchQC Prep Date: 10/29/2020  Analyte  Surr: 4-Bromofluorobenzene  Sample ID: 2010c67-021ams	Analysis D Result 1.0  SampT Batch Analysis D Result 0.90  SampT	PQL Type: MS Table: 10 PQL Type: MS Table: 10 PQL Type: MS Table: 56	SPK value 0.9881 6D 100 0/30/2020 SPK value 0.9390	SPK Ref Val  Test S SPK Ref Val  Test	**REC 101 **Code: EF** **Code: EF** **Code: EF** **Code: EF** **Code: EF** **Code: EF**	LowLimit 80 PA Method 3039 ElowLimit 80 PA Method 3039 PA Method 3039	HighLimit 120  8021B: Volat  Units: %Red  HighLimit 120	%RPD illes %RPD 0	RPDLimit	
Prep Date: 10/29/2020 Analyte Surr: 4-Bromofluorobenzene  Sample ID: 2010c67-001amso Client ID: BatchQC Prep Date: 10/29/2020 Analyte Surr: 4-Bromofluorobenzene  Sample ID: 2010c67-021ams Client ID: BatchQC	Analysis D Result 1.0  d SampT Batch Analysis D Result 0.90  SampT Batch	PQL Type: MS Table: 10 PQL Type: MS Table: 10 PQL Type: MS Table: 56	SPK value 0.9881 6D 100 0/30/2020 SPK value 0.9390 6 106 0/31/2020	SPK Ref Val  Test S SPK Ref Val  Test	%REC 101  Code: EF 200 200 200 200 200 200 200 200 200 20	LowLimit 80 PA Method 3039 ElowLimit 80 PA Method 3039 PA Method 3039	HighLimit 120  8021B: Volat  Units: %Red HighLimit 120  8021B: Volat	%RPD illes %RPD 0	RPDLimit	

### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

95.9

80

120

- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

0.9381

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0.90

### Hall Environmental Analysis Laboratory, Inc.

WO#: 2010D24

03-Nov-20

**Client:** SIMCOE/Cottonwood Consulting

**Project:** Horton GC 1

Sample ID: 2010c67-021amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles

Client ID: **BatchQC** Batch ID: 56106 RunNo: 73039

Prep Date: 10/29/2020 Analysis Date: 10/31/2020 SeqNo: 2568023 Units: %Rec

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Surr: 4-Bromofluorobenzene 96.1 0 0.95 0.9921 80 120 n

Sample ID: 2010d24-001a ms SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: 5PC-TB @ 4.5' (45) Batch ID: BS73039 RunNo: 73039

Prep Date: Analysis Date: 10/30/2020 SeqNo: 2568031 Units: mg/Kg

SPK value SPK Ref Val %REC **RPDLimit** Analyte Result PQL LowLimit HighLimit %RPD Qual Benzene 0.68 0.018 0.7158 0 95 1 76.3 120 Toluene 0.71 0.036 0.7158 0 98.8 78.5 120 0 Ethylbenzene 0.036 99.8 78.1 124 0.71 0.7158 Xylenes, Total 2.2 0.072 0 101 79.3 2.147 125 Surr: 4-Bromofluorobenzene 0.74 0.7158 103 80 120

TestCode: EPA Method 8021B: Volatiles Sample ID: 2010d24-001a msd SampType: MSD

Client ID: 5PC-TB @ 4.5' (45) Batch ID: BS73039 RunNo: 73039

Prep Date: Analysis Date: 10/30/2020 SeqNo: 2568032 Units: mg/Kg

**PQL** SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual 0.65 0.018 0.7158 0 91.1 76.3 120 4.28 20 Benzene 0 Toluene 0.68 0.036 0.7158 94.7 78.5 120 4.25 20 0.68 0.036 0 94.9 78.1 4.99 20 Ethylbenzene 0.7158 124 Xylenes, Total 2.1 0.072 2.147 0 95.8 79.3 125 4.86 20 Surr: 4-Bromofluorobenzene 0.75 0.7158 105 80 120 n 0

Sample ID: LCS-56100 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 56100 RunNo: 73039

SeqNo: 2568033 Prep Date: 10/29/2020 Analysis Date: 10/30/2020 Units: %Rec

SPK value SPK Ref Val %REC %RPD **RPDLimit** Result PQL HighLimit Qual Analyte LowLimit

Surr: 4-Bromofluorobenzene 0.98 1.000 97.7 120 80

Sample ID: LCS-56106 TestCode: EPA Method 8021B: Volatiles SampType: LCS

Client ID: LCSS Batch ID: 56106 RunNo: 73039

Prep Date: 10/29/2020 Analysis Date: 10/31/2020 SeqNo: 2568034 Units: %Rec

**PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result

Surr: 4-Bromofluorobenzene 1.0 1.000 100 80 120

### Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Η Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RLReporting Limit Page 7 of 8

# Hall Environmental Analysis Laboratory, Inc.

WO#: **2010D24** 

03-Nov-20

Client: SIMCOE/Cottonwood Consulting

**Project:** Horton GC 1

Sample ID: mb-56100 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 56100 RunNo: 73039

Prep Date: 10/29/2020 Analysis Date: 10/30/2020 SeqNo: 2568035 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: 4-Bromofluorobenzene 0.99 1.000 99.1 80 120

Sample ID: mb-56106 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 56106 RunNo: 73039

Prep Date: 10/29/2020 Analysis Date: 10/31/2020 SeqNo: 2568036 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: 4-Bromofluorobenzene 0.95 1.000 94.8 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

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

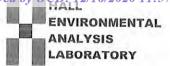
E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 8 of 8



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: SIMCOE/Cottonwood Consulting	Work Order Nur	nber: 2010D24		RcptN	lo: 1	
Received By: Emily Mocho	10/30/2020 8:00:0	0 AM				
Completed By: Emily Mocho	10/30/2020 8:04:4	3 AM				
Reviewed By: 10/30/20						
Chain of Custody						
1. Is Chain of Custody complete?		Yes 🗸	No 🗌	Not Present		
2. How was the sample delivered?		Courier				
Log In						
3. Was an attempt made to cool the samples	?	Yes 🗸	No 🗆	NA 🗌		
4. Were all samples received at a temperature	e of >0° C to 6.0°C	Yes 🗸	No 🗌	NA 🗆		
5. Sample(s) in proper container(s)?		Yes 🗸	No 🗌			
6. Sufficient sample volume for indicated test(	s)?	Yes 🗸	No 🗆			
7. Are samples (except VOA and ONG) prope	rly preserved?	Yes 🗸	No 🗌			
8. Was preservative added to bottles?		Yes 🗌	No 🗸	NA 🗌		
9. Received at least 1 vial with headspace <1/	4" for AQ VOA?	Yes	No 🗌	NA 🗹		1
10. Were any sample containers received brok	en?	Yes	No 🗸	# of preserved		/
11. Does paperwork match bottle labels?		Yes 🗸	No 🗆	bottles checked for pH:	1	
(Note discrepancies on chain of custody)		165	NO L		or >12 un	less noted)
12. Are matrices correctly identified on Chain of	Custody?	Yes 🗸	No 🗌	Adjusted?		
13. Is it clear what analyses were requested?		Yes 🗸	No 🗌	/	n	60.00
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by:	M	10/30/20
Special Handling (if applicable)				1		
15. Was client notified of all discrepancies with	this order?	Yes 🗌	No 🗌	NA 🗸		
Person Notified:	Date	:				
By Whom:	Via:	eMail 1	Phone Fax	In Person		
Regarding:						
Client Instructions:						
16. Additional remarks:						
17. Cooler Information  Cooler No Temp °C Condition S  1 1.7 Good Ye	eal Intact Seal No	Seal Date	Signed By			





District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 12044

### **CONDITIONS**

Operator:	OGRID:
SIMCOE LLC	329736
1199 Main Ave., Suite 101	Action Number:
Durango, CO 81301	12044
	Action Type:
	[C-144] PIT Generic Plan (C-144)

#### CONDITIONS

Created By	Condition	Condition Date
vvenegas	None	12/29/2021