

Incident ID	nAPP2202733896
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 04/25/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Robert Hamlet Date: 5/10/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 5/10/2022
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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

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Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Robert Asher	Contact Telephone 575-748-4217
Contact email bob_asher@eogresources.com	Incident # nAPP2202733896
Contact mailing address 104 S. 4 th Street, Artesia, New Mexico 88210	

Location of Release Source

Latitude 32.66332 Longitude -104.71580
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Gumby BAG Federal #1	Site Type: Well Pad
Date Release Discovered: 1/25/2022	API# 30-015-32245

Unit Letter	Section	Township	Range	County
F	17	19S	23E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (RUNYAN/MARTIN 4-MILE RANCH LLC)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (Unknown)	Volume Recovered (Unknown)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/>	Volume/Weight Released	Volume/Weight Recovered

Cause of Release


While decommissioning the P&A'd well pad, an areas around the production equipment and the dry hole marker showed signs of soils impacted from produced water (approximate areas, 90' X 190' & 70' X 95').

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
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.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.	
Printed Name: <u>Robert Asher</u>	Title: <u>Environmental Supervisor</u>
Signature: <u></u>	Date: <u>1-27-2022</u>
email: <u>bob_asher@eogresources.com</u>	Telephone: <u>575-748-4217</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>Unknown</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
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Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

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Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
Signature: Chase Settle Date: 04/25/2022
email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

2135 S. Loop 250 W,
Midland, Texas 79703
United States
www.ghd.com

Our ref: 12563500

April 22, 2022

New Mexico Oil Conservation Division
District 2
811 South First Street
Artesia, New Mexico 88210

Re: **Site Characterization and Closure Report**
Gumby BAG Federal #1
EOG Resources Inc.
Incident ID: nAPP2202733896
F-17-19S-23E, Eddy County, New Mexico

To Whom It May Concern:

1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Characterization and Closure Report to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of delineation, sampling, analyses, and remedial activities in the affected areas at the EOG Gumby BAG Federal #1 (Site). The Site is located in Unit Letter F, Section 17 of Township 19 South and Range 23 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.66332 N latitude and 104.71580 W longitude. The release occurred on private land owned by Runyan/Martin 4-Mile Ranch LLC. Figure 1 depicts the Site location. The EOG production facility and other site details are depicted on Figures 2 and 3.

2. Background Information

A C-141 initial report for this release was submitted to the NMOCD on January 27 2022. The C-141 stated that no known volume or date could be assigned to this historical release. The potential release area was discovered during EOG decommissioning process associated with this location. Soils within the former pad appeared to be discolored and after discussions between field personnel and environmental staff, EOG made the decision to file a C-141 for this suspect release location.

The release falls under the jurisdiction of the NMOCD District 2 Office in Artesia, New Mexico. The NMOCD assigned the release with Incident Number nAPP2202733896. The Release Notification, Site Assessment/Characterization, and Remediation portions of Form C-141 are attached to the front of this report.

3. Groundwater and Site Characterization

GHD characterized the Site according to Table 1, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is located within an area of medium karst potential. No groundwater data could be located within one-half mile of the Site. No receptors (water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. The Site characterization documentation (Karst Potential, FEMA, Points of Diversion and Wetlands maps) are provided in Attachment A. The soil and closure criteria are listed below:

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft.)
Medium Karst	Unknown Within A Half Mile

Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Constituent	Limits
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
TPH (GRO+DRO)	Not Applicable
Benzene	10 mg/kg
BTEX	50 mg/kg

4. Initial Soil Delineation Assessment Summary and Findings

On October 11, 12, 15 and December 2, 2021, GHD and EOG's contractor Standard Safety and Supply (SS) installed twenty-seven (27) test pits, ranging in depths from ground surface to ten (10) feet below ground surface, in order to evaluate the nature and extent of soil impacts in comparison to Table I closure criteria. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech Laboratory in Farmington, New Mexico.

Analytical results indicated twelve (12), TP2, TP10, TP12, TP15, TP16, TP17, TP19, TP20, TP21, TP24, TP25, and TP26, of the twenty-seven (27) test pits had samples exceeding applicable Table I closure criteria for groundwater less than fifty (50) feet from depths ranging from surface to eight (8) feet below grade. Figure 2, Soil Assessment Summary depicts the test pit locations of the initial delineation samples and highlights areas of Table 1 criteria exceedances and associated depths. Analytical results are detailed in Table 1 and in the Laboratory Analytical Reports provided in Attachment D.

5. Excavation, Waste Management and Confirmation Sampling

Due to the preliminary soil sampling activities exhibiting TPH and chloride exceedance above the closure criteria in the above Table I, GHD and SS returned to the site on March 22 through April 1, 2022, to excavate the affected soils. Confirmation soil samples BH-1 through BH-65 and SW-1 through SW-17 were collected after a confirmation sampling notification was submitted to the NMOCD two business days prior. All confirmation samples were taken to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA

Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated chloride, TPH, Benzene and BTEX concentrations were below Table 1 closure criteria. Confirmation samples collected represented areas no greater than two hundred (200) square feet. Laboratory Analytical Reports and Chain-of-Custody Documentation are provided in Attachment D. Analytical results are summarized in Attached Table 1.

On April 1, 2022, two (2) bottomhole (MBH-1 and SBH-1) and four (4) sidewall (SSW-1, SSW-2, MSW-1 and MSW-2) composite confirmation samples were collected from two separate excavations in order to remediate the affected soils in test pits: TP-2 and TP-10. Confirmation samples collected represented areas no greater than 200 square feet. All confirmation samples were taken to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated benzene, BTEX, TPH and chloride concentrations were below Table I closure criteria.

Waste Management activities were performed in coordination with EOG directives. EOG obtained regulatory approval via the successful processing of Form C-138 Request for Approval to Accept Solid Waste. The waste was approved for acceptance at the OCD-permitted (WM-1-035), Lea Land, LLC facility located at MM64, Highway 62/180 East, Carlsbad, NM, 88220. Approximately 3,606.45 tons of impacted soil and rock were disposed at Lea Land, LLC. The waste manifest from March 25 through April 5, 2022, are available upon request and aren't included in this report due to size of the file. A Daily Disposal Summary is provided as Table 2.

6. nAPP2202733896 Closure Request

To conclude, all composite confirmation samples were analyzed for BTEX by EPA Method 8021 B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Confirmation samples were collected after a sampling notification was submitted to the NMOCD two business days prior. Confirmation sample locations represented areas no greater than two hundred (200) square feet and final confirmation samples exhibited concentrations below Table I closure criteria. Photos of the excavation are provided in Attachment B. Confirmation Sampling Notifications are provided as Attachment C.

Site Characterization, soil delineation, and remediation activities for incident number nAPP2202733896 have been performed in accordance with applicable NMOCD guidance and regulations. Based upon supporting documentation provided in this report, GHD, on behalf of EOG, respectfully requests closure and no further regulatory actions for nAPP2202733896.

If you have any questions or comments concerning this Site Characterization and Closure Report, please do not hesitate to contact our Midland office at (432) 686-0086.

Sincerely,

GHD



Becky Haskell
Senior Project Manager



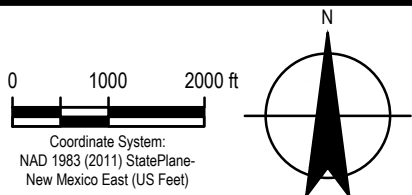
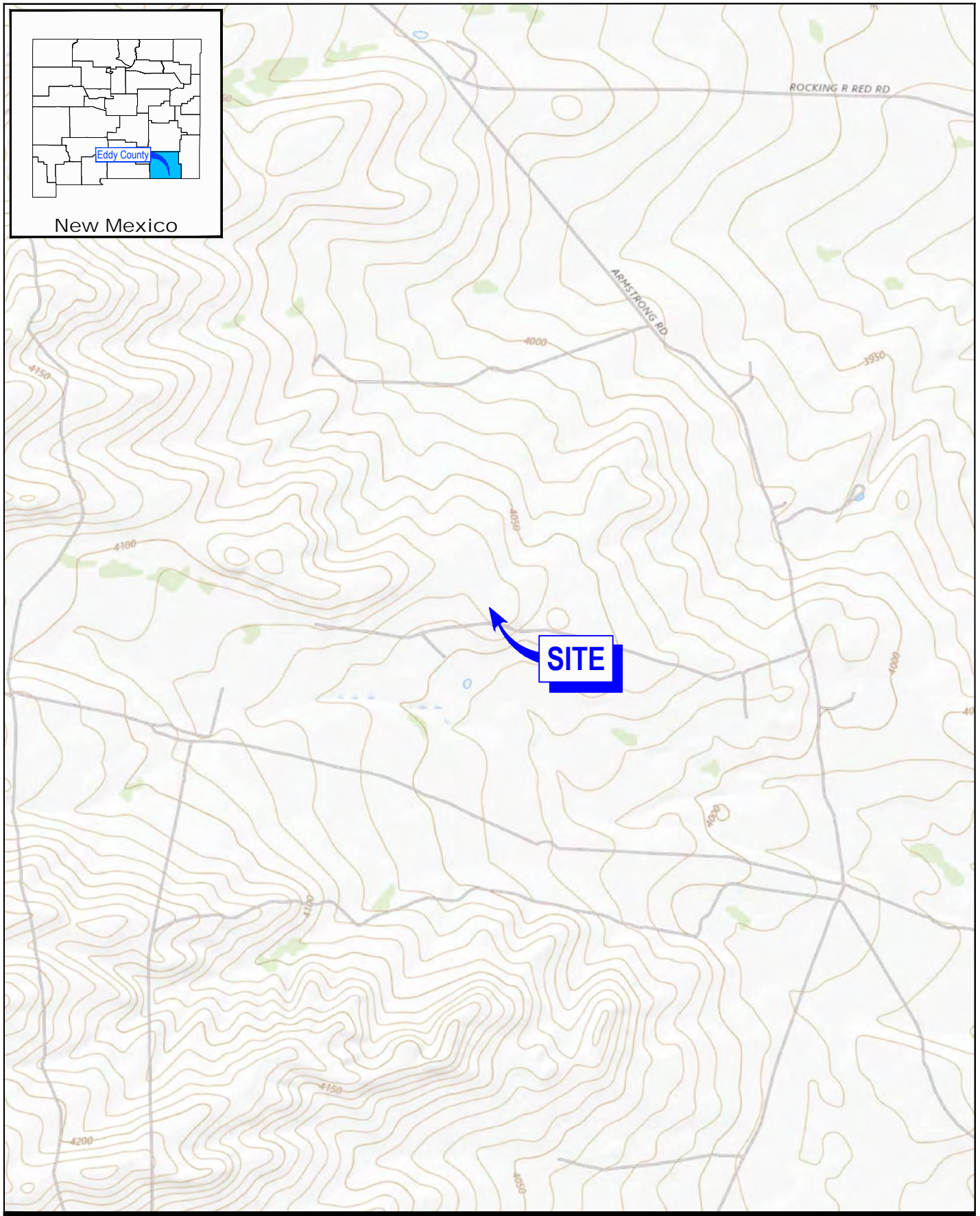
Zach H. Comino
Field Geologist

BH/ZC/1

Encl. Figure 1 – Site Location Map
 Figure 2 – Initial Site Assessment: Soil Analytical Results Map
 Figure 3 – Confirmation Sampling: Soil Analytical Results Map
 Table 1 – Summary of Soil Analytical Data
 Table 2 – Daily Disposal Summary
 Attachment A – Site Characterization Documentation
 Attachment B – Photographic Log
 Attachment C – Confirmation Sampling Notifications
 Attachment D – Laboratory Analytical Reports and Chain of Custody Documentation

cc: Chase Settle

Figures



EOG RESOURCES
EDDY COUNTY, NEW MEXICO
GUMBY BAG FEDERAL No. 1

Project No. 12563500
Date April 2022

SITE LOCATION MAP

FIGURE 1



4-5'

PROPOSED EXCAVATED AREA AND DEPTH

TEST PIT LOCATION

TEST PIT WITH EXCEEDANCE

NOTE:

1. SEE TABLE 1 FOR FULL ANALYTICAL RESULTS/DETAILS.

0

20

40 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

N

GHD

EOG RESOURCES
EDDY COUNTY, NEW MEXICO
GUMBY BAG FEDERAL No. 1

SOIL ASSESSMENT SUMMARY
AND PROPOSED REMEDIATION AREAS

Project No. 12563500
Date April 2022

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\56212563500\Digital_Design\ACAD\Figures\RPT001\12563500-GHD-0000-RPT-EN-0101_DL-001.dwg
Plot Date: 19 April 2022 11:49 AM

Data Source: Image © 2021 Google - Imagery Date: December 29, 2019
Lat/Long: 32.663226° North, 104.715867° West

Received by OCD: 4/25/2022 4:09:55 PM

Released to Imaging: 5/10/2022 2:48:37 PM

Sample ID	Sample Date	Depth (ft bgs)	Benzene	BTEX	Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC			
			10 mg/kg	50 mg/kg	100 mg/kg	600 mg/kg
Sidewall Confirmation Samples						
SW-1	3/28/22	Sidewall	<0.024	<0.097	<49	73
SW-2	3/28/22	Sidewall	<0.024	<0.098	<49	160
SW-3	3/28/22	Sidewall	<0.024	<0.096	<50	490
SW-4	3/28/22	Sidewall	<0.025	<0.099	<50	250
SW-5	3/28/22	Sidewall	<0.025	<0.099	<50	440
SW-6	3/28/22	Sidewall	<0.023	<0.092	<50	240
SW-7	3/28/22	Sidewall	<0.025	<0.10	<49	330
SW-8	3/29/22	Sidewall	<0.025	<0.098	<47	270
SW-9	3/29/22	Sidewall	<0.023	<0.093	<44	350
SW-10	03/31/22	Sidewall	<0.024	<0.10	<49	270
SW-11	3/31/22	Sidewall	<0.025	<0.10	<46	77
SW-12	3/31/22	Sidewall	<0.024	<0.10	<49	110
SW-13	3/31/22	Sidewall	<0.025	<0.10	<47	130
SW-14	3/31/22	Sidewall	<0.025	<0.10	<49	120
SW-15	3/31/22	Sidewall	<0.024	<0.10	<50	130
SW-16	3/31/22	Sidewall	<0.023	<0.09	<49	88
SW-17	3/31/22	Sidewall	<0.024	<0.09	<50	120
SSW-1	4/1/22	Sidewall	<0.024	<0.097	<49	<60
SSW-2	4/1/22	Sidewall	<0.024	<0.09	<49	<60
MSW-1	4/1/22	Sidewall	<0.023	<0.094	<47	<60
MSW-2	4/1/22	Sidewall	<0.023	<0.094	<48	<60

Sample ID	Sample Date	Depth (ft bgs)	Benzene	BTEX	Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC			
			10 mg/kg	50 mg/kg	100 mg/kg	600 mg/kg
Bottom Hole Confirmation Samples						
BH-1	3/22/22	3	<0.023	<0.094	<50	560
BH-2	3/28/22	3	<0.024	<0.095	<49	330
BH-3	3/28/22	3	<0.025	<0.099	<43	320
BH-4	3/28/22	3	<0.025	<0.099	<45	310
BH-5	3/28/22	3	<0.023	<0.093	<46	86
BH-6	3/28/22	3	<0.025	<0.10	<48	280
BH-7	3/28/22	3	<0.024	<0.096	<46	260
BH-8	3/28/22	3	<0.025	<0.099	<48	430
BH-9	3/28/22	3	<0.024	<0.096	<47	120
BH-10	3/28/22	3	<0.024	<0.094	<50	320
BH-11	3/28/22	3	<0.024	<0.096	<49	580
BH-12	3/28/22	3	<0.023	<0.091	<47	360
BH-13	3/28/22	5	<0.024	<0.095	<49	300
BH-14	3/28/22	5	<0.024	<0.094	<48	390
BH-15	3/28/22	5	<0.024	<0.096	<47	160
BH-16	3/28/22	5	<0.025	<0.098	<48	230
BH-17	3/28/22	5	<0.023	<0.091	<49	210
BH-18	3/28/22	5	<0.024	<0.098	<49	200
BH-19	3/28/22	9	<0.024	<0.097	<48	410
BH-20	3/28/22	9	<0.024	<0.096	<47	290
BH-21	3/28/22	9	<0.024	<0.096	<48	270
BH-22	3/28/22	9	<0.024	<0.097	<49	210
BH-23	3/28/22	9	<0.024	<0.095	<47	470
BH-24	3/28/22	5	<0.025	<0.099	<50	480
BH-25	3/29/22	9	<0.023	<0.092	<46	390
BH-26	3/29/22	9	<0.024	<0.096	<48	280
BH-27	3/29/22	9	<0.023	<0.092	<48	240
BH-28	3/29/22	5	<0.025	<0.098	<46	370
BH-29	3/29/22	5	<0.025	<0.099	<50	250
BH-30	3/29/22	5	<0.024	<0.096	<46	190
BH-31	3/29/22	5	<0.023	<0.094	<49	200
BH-32	3/30/22	6	<0.024	<0.095	<50	490
BH-33	3/31/22	6	<0.023	<0.10	<49	260
BH-34	3/31/22	6	<0.024	<0.09	<50	120
BH-35	3/31/22	6	<0.023	<0.09	<49	330
BH-36	3/31/22	6	<0.025	<0.10	<48	<59
BH-37	3/31/22	6	<0.025	<0.10	<48	150
BH-38	3/31/22	6	<0.024	<0.10	<47	390
BH-39	3/31/22	6	<0.024	<0.10	<49	200
BH-40	3/31/22	6	<0.025	<0.10	<46	330
BH-41	3/31/22	6	<0.024	<0.10	<46	360
BH-42	3/31/22	6	<0.023	<0.09	<45	220
BH-43	3/31/22	6	<0.025	<0.10	<48	350
BH-44	3/31/22	6	<0.024	<0.09	<48	110
BH-45	3/31/22	6	<0.025	<0.10	<51	130
BH-46	3/31/22	6	<0.024	<0.10	<47	270
BH-47	3/31/22	6	<0.025	<0.10	<45	250
BH-48	3/31/22	6	<0.024	<0.10	13	180
BH-49	3/31/22	6	<0.024	<0.10	<48	120
BH-50	3/31/22	6	<0.024	<0.10	10	300
BH-51	3/31/22	6	<0.024	<0.10	<47	440
BH-52	4/1/22	3	<0.024	<0.097	<49	200
BH-53	4/1/22	3	<0.024	<0.095	<50	300
BH-54	4/1/22	3	<0.024	<0.094	<49	220
BH-55	4/1/22	3	<0.024	<0.097	<49	150
BH-56	4/1/22	3	<0.025	<0.099	<49	140
BH-57	4/1/22	3	<0.024	<0.094	<49	110
BH-58	4/1/22	3	<0.025	<0.099	<49	130
BH-59	4/1/22	3	<0.025	<0.098	15	73
BH-60	4/1/22	3	<0.023	<0.092	<48	270
BH-61	4/1/22	3	<0.024	<0.096	13	170
BH-62	4/1/22	3	<0.024	<0.097	<50	120
BH-63	4/1/22	3	<0.024	<0.094	<50	89
BH-64	4/1/22	3	<0.025	<0.099	<50	180
BH-65	4/1/22	3	<0.023	<0.093	<48	110
SBH-1	4/1/22	1	<0.023	<0.093	<50	<60
MBH-1	4/1/22	4	<0.024	<0.097	<46	<60

LEGEND

EXCAVATED AREA

DEPTH

DEPTH OF SAMPLE (FT)

BTEX

BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)

TPH

TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)

INDICATES SIDE WALL COMPOSITE SAMPLE

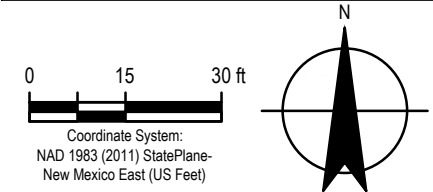
INDICATES SIDE WALL COMPOSITE SAMPLE

INDICATES SIDE WALL COMPOSITE SAMPLE

- NOTES:
1. RESULTS IN MILLIGRAMS PER KILOGRAM (MG/KG).

2. SEE TABLE 1 FOR FULL ANALYTICAL RESULTS/DETAILS.

3. YELLOW SHADED CELLS INDICATE EXCEEDANCE.



EOG RESOURCES
EDDY COUNTY, NEW MEXICO
GUMBY BAG FEDERAL No. 1

CONFIRMATION SAMPLING:
SOIL ANALYTICAL RESULTS MAP

Project No. 12563500
Date April 2022

FIGURE 3

Tables

Table 1
Summary of Soil Analytical Data
Gumby Bag Federal #1
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)			Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
Initial Assessment Samples - Test Pit												
TP-1-S	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP1-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP1-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP1-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP2-S	10/12/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	47.6	134	181.6	<20.0
TP2-1	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP2-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP2-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP2-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP3-S	10/12/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP3-1	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP3-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP3-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP3-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP4-S	10/12/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP4-1	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP4-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP4-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP4-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP5-S	10/11/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP5-1	10/11/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP5-2	10/11/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP5-3	10/11/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	41.8
TP5-4	10/11/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	154
TP6-S	10/11/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP6-1	10/11/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP6-2	10/11/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP6-3	10/11/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP6-4	10/11/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	91.0
TP7-S	10/11/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0

Table 1
Summary of Soil Analytical Data
Gumby Bag Federal #1
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)			Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
TP7-1	10/11/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP7-2	10/11/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP7-3	10/11/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	80.4
TP7-4	10/11/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	100
TP8-S	10/11/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP8-1	10/11/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP8-2	10/11/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP8-3	10/11/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP8-4	10/11/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP9-S	10/12/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP9-1	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP9-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP9-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	348
TP9-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	173
TP10-S	10/12/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP10-1	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP10-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	26.8	74.6	101.4	<20.0
TP10-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	20.9
TP10-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP11-S	10/12/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	165
TP11-1	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	28.7	<50.0	28.7	27.0
TP11-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	239
TP11-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	504
TP11-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	224
TP12-S	10/12/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	745
TP12-1	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,180
TP12-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	904
TP12-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	477
TP12-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	213
TP13-S	10/12/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	202
TP13-1	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	258

Table 1
Summary of Soil Analytical Data
Gumby Bag Federal #1
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)			Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
TP13-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	377
TP13-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	285
TP13-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	131
TP14-S	10/12/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP14-1	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP14-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	132
TP14-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	315
TP14-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	495
TP15-S	10/12/2021	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	113
TP15-1	10/12/2021	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	219
TP15-2	10/12/2021	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,140
TP15-3	10/12/2021	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	520
TP15-4	10/12/2021	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	252
TP16-S	10/12/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	130	381	511	7,750
TP16-1	10/12/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	6,210
TP16-2	10/12/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	3,920
TP16-3	10/12/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,840
TP16-4	10/12/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	741
TP16-5	12/2/21	5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	765
TP16-7	12/2/21	7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	645
TP16-8	12/2/21	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	669
TP17-S	10/12/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	3,480
TP17-1	10/12/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	6,820
TP17-2	10/12/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	5,820
TP17-3	10/12/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	3,940
TP17-4	10/12/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,430
TP17-6	10/12/21	6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	2,090
TP17-8	10/12/21	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	760
TP17-10	10/12/21	10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	278
TP18-S	10/12/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	43.5
TP18-1	10/12/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	351
TP18-2	10/12/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	472

Table 1
Summary of Soil Analytical Data
Gumby Bag Federal #1
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)			Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
TP18-3	10/12/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	284
TP18-4	10/12/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	126
TP19-S	10/15/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	61.8	223	284.8	2,210
TP19-1	10/15/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,960
TP19-2	10/15/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,830
TP19-3	10/15/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,950
TP19-4	10/15/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,370
TP19-6	10/15/21	6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	323
TP20-S	10/15/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	29.3	102	131.3	5,050
TP20-1	10/15/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	2,360
TP20-2	10/15/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	2,720
TP20-3	10/15/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,560
TP20-4	10/15/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,130
TP20-6	10/15/21	6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	499
TP21-S	10/15/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	59.1	59.1	1,200
TP21-1	10/15/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	661
TP21-2	10/15/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,180
TP21-3	10/15/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,130
TP21-4	10/15/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	988
TP21-6	10/15/21	6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	586
TP21-8	10/15/21	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	404
TP22-S	12/2/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP22-1	12/2/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP22-2	12/2/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP22-3	12/2/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0

Table 1
Summary of Soil Analytical Data
Gumby Bag Federal #1
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)			Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
TP22-4	12/2/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP23-S	12/2/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP23-1	12/2/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP23-2	12/2/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP23-3	12/2/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP23-4	12/2/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP24-S	12/2/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	287	606	893	<20.0
TP24-1	12/2/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP24-2	12/2/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP24-3	12/2/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
TP24-4	12/2/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	20.8
TP25-S	12/2/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	2,840
TP25-1	12/2/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,530
TP25-2	12/2/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,830
TP25-3	12/2/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,370
TP25-4	12/2/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,740
TP25-5	12/2/21	5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	563
TP26-S	12/2/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	353
TP26-1	12/2/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	344
TP26-2	12/2/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	760
TP26-3	12/2/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	461
TP26-4	12/2/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	517
TP27-S	12/2/21	Surface	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	318
TP27-1	12/2/21	1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	369
TP27-2	12/2/21	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	418
TP27-3	12/2/21	3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	378
TP27-4	12/2/21	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	459
Bottom Hole Confirmation Samples												
BH-1	3/22/22	3	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.9	<50	<50	560
BH-2	3/28/22	3	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.9	<49	<49	330
BH-3	3/28/22	3	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<8.7	<43	<43	320
BH-4	3/28/22	3	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.1	<45	<45	310

Table 1
Summary of Soil Analytical Data
Gumby Bag Federal #1
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)			Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
BH-5	3/28/22	3	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.3	<46	<46	86
BH-6	3/28/22	3	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.7	<48	<48	280
BH-7	3/28/22	3	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.2	<46	<46	260
BH-8	3/28/22	3	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.6	<48	<48	430
BH-9	3/28/22	3	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.4	<47	<47	120
BH-10	3/28/22	3	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<10	<50	<50	320
BH-11	3/28/22	3	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.8	<49	<49	580
BH-12	3/28/22	3	<0.023	<0.046	<0.046	<0.091	<0.091	<4.6	<9.5	<47	<47	360
BH-13	3/28/22	5	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.8	<49	<49	300
BH-14	3/28/22	5	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.6	<48	<48	390
BH-15	3/28/22	5	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.3	<47	<47	160
BH-16	3/28/22	5	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<48	<48	230
BH-17	3/28/22	5	<0.023	<0.046	<0.046	<0.091	<0.091	<4.6	<9.8	<49	<49	210
BH-18	3/28/22	5	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	200
BH-19	3/28/22	9	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.6	<48	<48	410
BH-20	3/28/22	9	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.4	<47	<47	290
BH-21	3/28/22	9	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<48	<48	270
BH-22	3/28/22	9	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.9	<49	<49	210
BH-23	3/28/22	9	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.5	<47	<47	470
BH-24	3/28/22	5	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<50	<50	480
BH-25	3/29/22	9	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.2	<46	<46	390
BH-26	3/29/22	9	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.6	<48	<48	280
BH-27	3/29/22	9	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.6	<48	<48	240
BH-28	3/29/22	5	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.3	<46	<46	370
BH-29	3/29/22	5	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<50	<50	250
BH-30	3/29/22	5	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.1	<46	<46	190
BH-31	3/29/22	5	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<49	<49	200
BH-32	3/30/22	6	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.9	<50	<50	490
BH-33	3/31/22	6	<0.023	<0.047	<0.047	<0.094	<0.10	<4.7	<9.9	<49	<49	260
BH-34	3/31/22	6	<0.024	<0.047	<0.047	<0.095	<0.09	<4.7	<10	<50	<50	120
BH-35	3/31/22	6	<0.023	<0.047	<0.047	<0.093	<0.09	<4.7	<9.8	<49	<49	330
BH-36	3/31/22	6	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.6	<48	<48	<59
BH-37	3/31/22	6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.5	<48	<48	150
BH-38	3/31/22	6	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.5	<47	<47	390

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Summary of Soil Analytical Data
Gumby Bag Federal #1
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)			Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
BH-39	3/31/22	6	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<49	<49	200
BH-40	3/31/22	6	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.3	<46	<46	330
BH-41	3/31/22	6	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.3	<46	<46	360
BH-42	3/31/22	6	<0.023	<0.047	<0.047	<0.094	<0.09	<4.7	<8.9	<45	<45	220
BH-43	3/31/22	6	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.6	<48	<48	350
BH-44	3/31/22	6	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.7	<48	<48	110
BH-45	3/31/22	6	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<10	<51	<51	130
BH-46	3/31/22	6	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.3	<47	<47	270
BH-47	3/31/22	6	<0.025	<0.049	<0.049	<0.098	<0.10	<4.9	<9.1	<45	<45	250
BH-48	3/31/22	6	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	13	<49	13	180
BH-49	3/31/22	6	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.7	<48	<48	120
BH-50	3/31/22	6	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	10	<49	10	300
BH-51	3/31/22	6	<0.024	<0.049	<0.049	<0.098	<0.10	<4.9	<9.4	<47	<47	440
BH-52	4/1/22	3	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.8	<49	<49	200
BH-53	4/1/22	3	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.9	<50	<50	300
BH-54	4/1/22	3	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.9	<49	<49	220
BH-55	4/1/22	3	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.9	<49	<49	150
BH-56	4/1/22	3	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<49	<49	140
BH-57	4/1/22	3	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.8	<49	<49	110
BH-58	4/1/22	3	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.9	<49	<49	130
BH-59	4/1/22	3	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	15	<48	15	73
BH-60	4/1/22	3	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.6	<48	<48	270
BH-61	4/1/22	3	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	13	<49	13	170
BH-62	4/1/22	3	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<10	<50	<50	120
BH-63	4/1/22	3	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<10	<50	<50	89
BH-64	4/1/22	3	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<10	<50	<50	180
BH-65	4/1/22	3	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.6	<48	<48	110
SBH-1	4/1/22	1	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<10	<50	<50	<60
MBH-1	4/1/22	4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.1	<46	<46	<60
Sidewall Confirmation Samples												
SW-1	3/28/22	Sidewall	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.8	<49	<49	73
SW-2	3/28/22	Sidewall	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<49	160
SW-3	3/28/22	Sidewall	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<10	<50	<50	490
SW-4	3/28/22	Sidewall	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<10	<50	<50	250

Table 1
Summary of Soil Analytical Data
Gumby Bag Federal #1
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)			Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	(mg/kg)	(mg/kg)
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg
SW-5	3/28/22	Sidewall	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<10	<50	<50	440
SW-6	3/28/22	Sidewall	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<10	<50	<50	240
SW-7	3/28/22	Sidewall	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.9	<49	<49	330
SW-8	3/29/22	Sidewall	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47	<47	270
SW-9	3/29/22	Sidewall	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<8.9	<44	<44	350
SW-10	03/31/22	Sidewall	<0.024	<0.048	<0.048	<0.097	<0.10	<4.8	<9.8	<49	<49	270
SW-11	3/31/22	Sidewall	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.2	<46	<46	77
SW-12	3/31/22	Sidewall	<0.024	<0.049	<0.049	<0.097	<0.10	<4.9	<9.9	<49	<49	110
SW-13	3/31/22	Sidewall	<0.025	<0.050	<0.050	<0.099	<0.10	<5.0	<9.5	<47	<47	130
SW-14	3/31/22	Sidewall	<0.025	<0.049	<0.049	<0.099	<0.10	<4.9	<9.9	<49	<49	120
SW-15	3/31/22	Sidewall	<0.024	<0.048	<0.048	<0.096	<0.10	<4.8	<9.9	<50	<50	130
SW-16	3/31/22	Sidewall	<0.023	<0.046	<0.046	<0.091	<0.09	<4.6	<9.8	<49	<49	88
SW-17	3/31/22	Sidewall	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<10	<50	<50	120
SSW-1	4/1/22	Sidewall	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.9	<49	<49	<60
SSW-2	4/1/22	Sidewall	<0.024	<0.047	<0.047	<0.094	<0.09	<4.7	<9.8	<49	<49	<60
MSW-1	4/1/22	Sidewall	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.4	<47	<47	<60
MSW-2	4/1/22	Sidewall	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.6	<48	<48	<60

Table 1
Summary of Soil Analytical Data
Gumby Bag Federal #1
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total Petroleum Hydrocarbons (TPH)			Total GRO/DRO/MRO	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	100 mg/kg	600 mg/kg

Notes:

- Values reported in mg/kg
- < = Value Less than Reporting Limit (RL)
- Bold Indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B.
- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
- Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- J - the target analytes was positively identified below the quantitation limit and above the detection limit.
- = not defined

 B-BH-2 Sample Point Excavated





Attachment A

Site Characterization Documentation

Gumby BAG Federal #1

Karst Potential Map

Legend

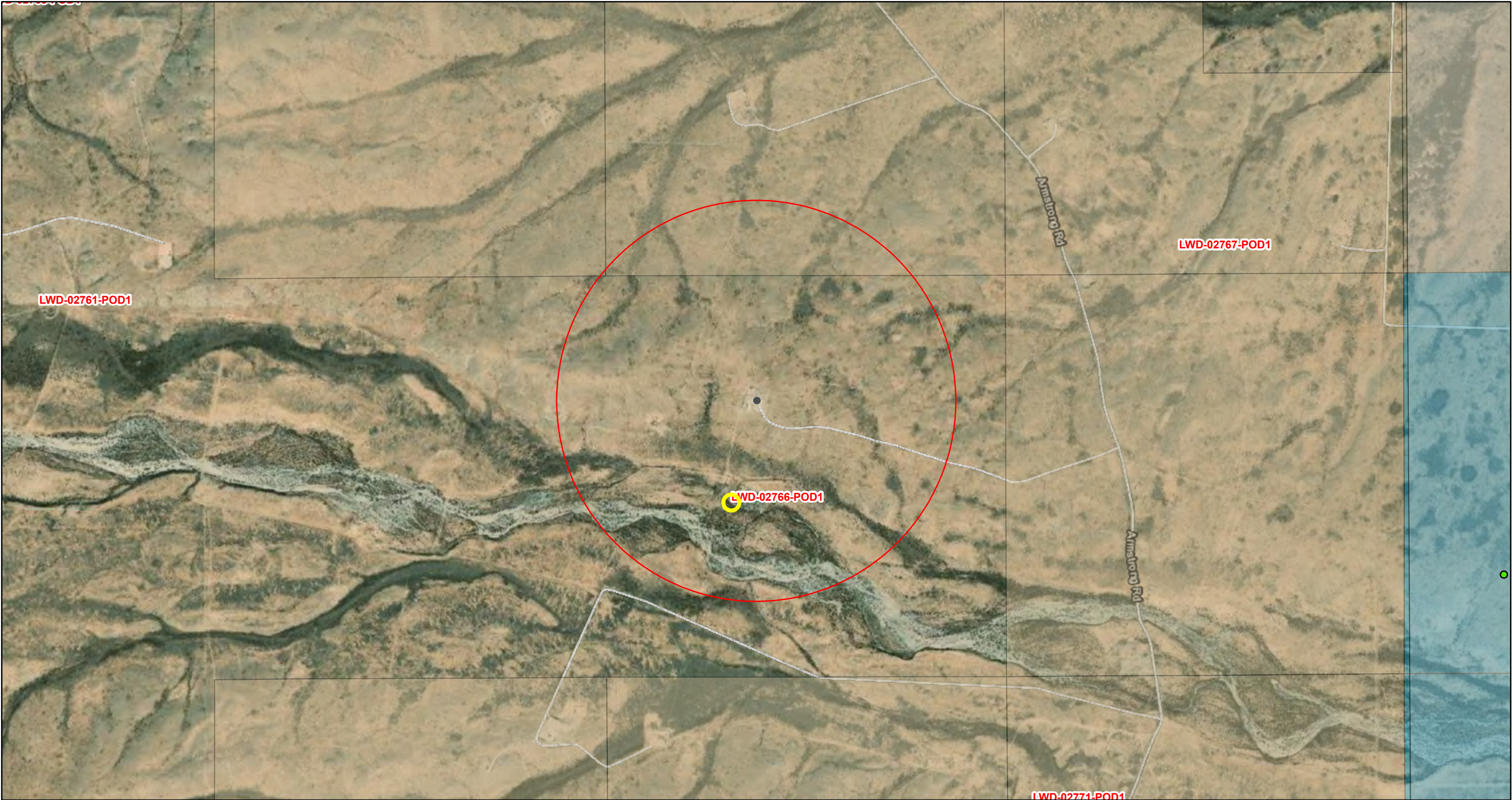
-  Gumby BAG Federal #1
-  High
-  Low
-  Medium

Gumby BAG Federal #1

12



Gumby BAG Federal #1



4/15/2022, 9:37:21 AM

GIS WATERS PODs

- Pending
- OSE District Boundary

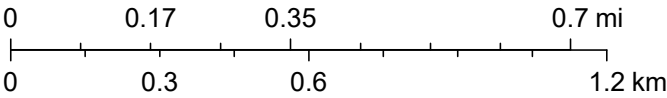
Water Right Regulations

- Closure Area
- New Mexico State Trust Lands
- Subsurface Estate

Both Estates

SiteBoundaries

1:18,056






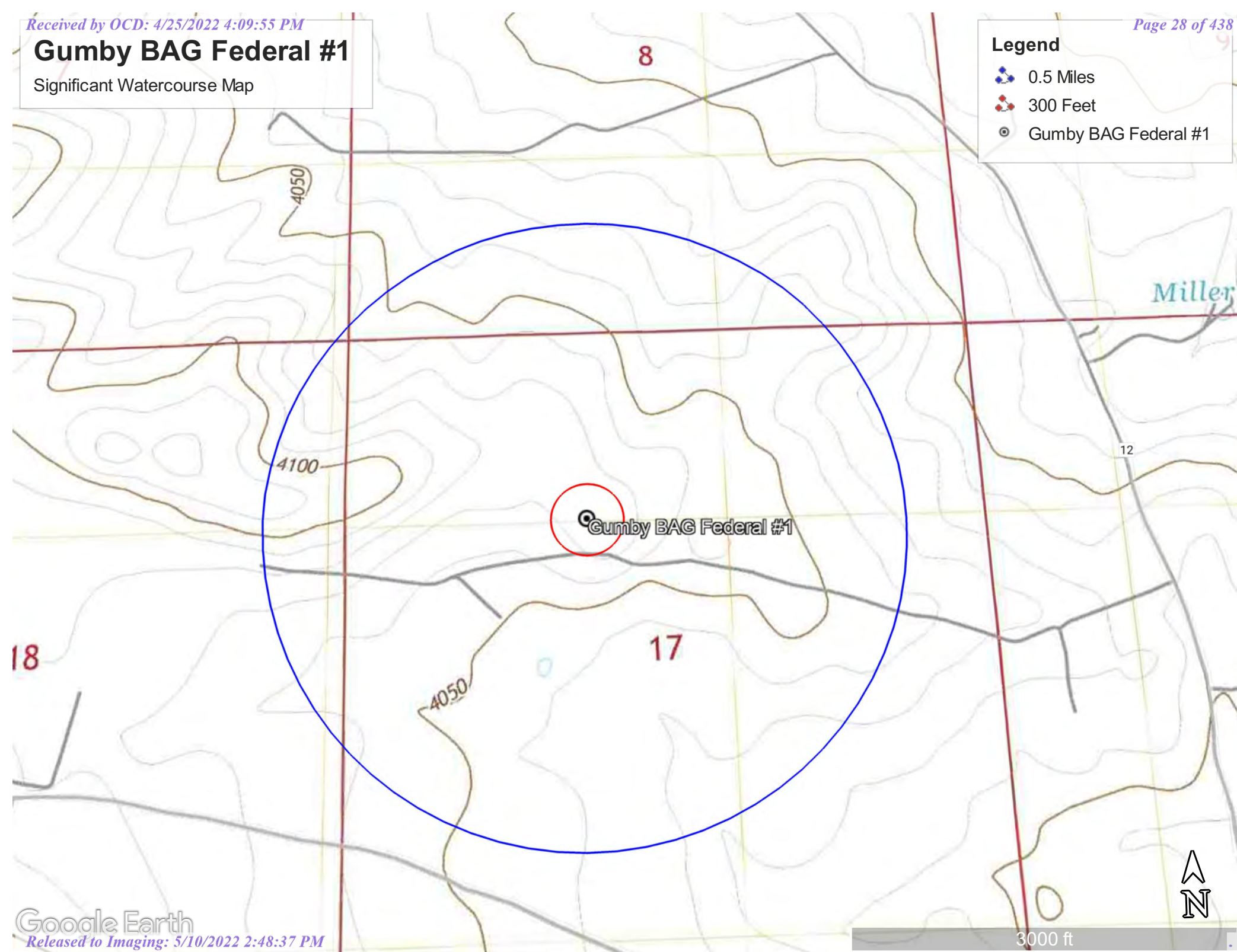
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy

Gumby BAG Federal #1

Significant Watercourse Map

Legend

-  0.5 Miles
-  300 Feet
-  Gumby BAG Federal #1



Miller

12

Gumby BAG Federal #1

17

4050

4100

8

18



3000 ft



Gumby BAG Federal #1



April 15, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMette



104°43'16"W 32°40'3"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 104°42'38"W 32°39'33"N

Released to Imaging: 5/10/2022 2:48:37 PM Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
OTHER FEATURES		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/21/2022 at 2:24 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Attachment B Photographic Log

Facing East (Main Excavation)



Facing West (Main Excavation)



Site Photograph
EOG Gumby BAG Federal #1
Release Site.

GHD | Report for EOG | 12563500

Facing Southwest (TP-2 Excavation)



Facing Southeast (TP-10 Excavation)



Site Photograph
EOG Gumby BAG Federal #1
Release Site.

GHD | Report for EOG | 12563500

Attachment C

Confirmation Sampling Notification

Becky Haskell

From: Chase Settle <Chase_Settle@eogresources.com>
Sent: Thursday, March 17, 2022 8:51 AM
To: Becky Haskell; Zach Comino
Cc: Amber Griffin
Subject: FW: [EXTERNAL] Gumby BAG Federal 1 (nAPP2202733896) Sampling Notification

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Thursday, March 17, 2022 7:42 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Amber Griffin <Amber_Griffin@eogresources.com>; Chase Settle <Chase_Settle@eogresources.com>; Yvette Moore <Yvette_Moore@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Subject: RE: [EXTERNAL] Gumby BAG Federal 1 (nAPP2202733896) Sampling Notification

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Tina,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, March 16, 2022 5:01 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; blm_nm_cfo_spill@blm.gov
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Amber Griffin <Amber_Griffin@eogresources.com>; Chase Settle <Chase_Settle@eogresources.com>; Yvette Moore <Yvette_Moore@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>
Subject: [EXTERNAL] Gumby BAG Federal 1 (nAPP2202733896) Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gumby BAG Federal 1
nAPP2202733896

Sampling will begin at 8:30 a.m. on Tuesday, March 22, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Becky Haskell

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Wednesday, March 23, 2022 4:38 PM
To: Becky Haskell; Zach Comino
Cc: Chase Settle
Subject: FW: Gumby BAG Federal 1 (nAPP2202733896) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, March 23, 2022 3:38 PM
To: Robert.Hamlet@state.nm.us; blm_nm_cfo_spill@blm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Gumby BAG Federal 1 (nAPP2202733896) Sampling Notification

Good afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Gumby BAG Federal 1
F-17-19S-23E
Eddy County, NM
nAPP2202733896

Sampling will begin at 8:00 a.m. on Monday, March 28, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Attachment D Laboratory Analytical Reports and Chain-of- Custody Documentation

Report to:
Zach Comino



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Gumby Bag Federal #1

Work Order: E110054

Job Number: 19034-0001

Received: 10/13/2021

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/22/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/22/21



Zach Comino
6121 Indian School Rd. NE #200
Albuquerque, NM 87110

Project Name: Gumby Bag Federal #1
Workorder: E110054
Date Received: 10/13/2021 1:00:00PM

Zach Comino,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2021 1:00:00PM, under the Project Name: Gumby Bag Federal #1.

The analytical test results summarized in this report with the Project Name: Gumby Bag Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/21 09:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP1-S	E110054-01A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP1-1	E110054-02A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP1-2	E110054-03A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP1-3	E110054-04A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP1-4	E110054-05A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP2-S	E110054-06A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP2-1	E110054-07A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP2-2	E110054-08A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP2-3	E110054-09A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP2-4	E110054-10A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP3-S	E110054-11A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP3-1	E110054-12A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP3-2	E110054-13A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP3-3	E110054-14A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP3-4	E110054-15A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP4-S	E110054-16A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP4-1	E110054-17A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP4-2	E110054-18A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP4-3	E110054-19A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP4-4	E110054-20A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Gumby Bag Federal #1 Project Number: 19034-0001 Project Manager: Zach Comino	Reported: 10/22/2021 9:17:05AM
--	--	--

TP1-S

E110054-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		112 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP1-1

E110054-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		110 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP1-2

E110054-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		107 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP1-3

E110054-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.7 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		111 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP1-4

E110054-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		113 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP2-S

E110054-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	47.6	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	134	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		126 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP2-1

E110054-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.7 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		116 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP2-2

E110054-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		111 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP2-3

E110054-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		112 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP2-4

E110054-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.0 %	70-130		10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.3 %	70-130		10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>	112 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP3-S

E110054-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	70.9	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		103 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP3-1

E110054-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.9 %	70-130		10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.4 %	70-130		10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>	109 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP3-2

E110054-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/17/21	
Toluene	ND	0.0250	1	10/15/21	10/17/21	
o-Xylene	ND	0.0250	1	10/15/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.8 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		113 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP3-3

E110054-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/18/21	
Toluene	ND	0.0250	1	10/15/21	10/18/21	
o-Xylene	ND	0.0250	1	10/15/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/18/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.5 %	70-130		10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/18/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.2 %	70-130		10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>	114 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/16/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP3-4

E110054-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/18/21	
Toluene	ND	0.0250	1	10/15/21	10/18/21	
o-Xylene	ND	0.0250	1	10/15/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/18/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/18/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		109 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/16/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP4-S

E110054-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/18/21	
Toluene	ND	0.0250	1	10/15/21	10/18/21	
o-Xylene	ND	0.0250	1	10/15/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/18/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.3 %	70-130		10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/18/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.9 %	70-130		10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>	114 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/16/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP4-1

E110054-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/18/21	
Toluene	ND	0.0250	1	10/15/21	10/18/21	
o-Xylene	ND	0.0250	1	10/15/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/18/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.4 %	70-130		10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/18/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.7 %	70-130		10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>	114 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/16/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP4-2

E110054-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/18/21	
Toluene	ND	0.0250	1	10/15/21	10/18/21	
o-Xylene	ND	0.0250	1	10/15/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/18/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/18/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		112 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/16/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP4-3

E110054-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/18/21	
Toluene	ND	0.0250	1	10/15/21	10/18/21	
o-Xylene	ND	0.0250	1	10/15/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/18/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.0 %	70-130		10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/18/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.6 %	70-130		10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>	114 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/16/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 9:17:05AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP4-4

E110054-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Benzene	ND	0.0250	1	10/15/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/18/21	
Toluene	ND	0.0250	1	10/15/21	10/18/21	
o-Xylene	ND	0.0250	1	10/15/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/18/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.8 %	70-130		10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/18/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.8 %	70-130		10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143010	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>	114 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142046	
Chloride	ND	20.0	1	10/15/21	10/16/21	



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/2021 9:17:05AM

Volatile Organics by EPA 8021B

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2142047-BLK1)

Prepared: 10/15/21 Analyzed: 10/17/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

LCS (2142047-BS1)

Prepared: 10/15/21 Analyzed: 10/17/21

Benzene	4.88	0.0250	5.00		97.5	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.6	70-130			
Toluene	4.87	0.0250	5.00		97.5	70-130			
o-Xylene	4.78	0.0250	5.00		95.6	70-130			
p,m-Xylene	9.53	0.0500	10.0		95.3	70-130			
Total Xylenes	14.3	0.0250	15.0		95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			

LCS Dup (2142047-BSD1)

Prepared: 10/15/21 Analyzed: 10/17/21

Benzene	4.94	0.0250	5.00		98.8	70-130	1.27	20	
Ethylbenzene	4.74	0.0250	5.00		94.8	70-130	1.22	20	
Toluene	4.93	0.0250	5.00		98.6	70-130	1.11	20	
o-Xylene	4.85	0.0250	5.00		96.9	70-130	1.35	20	
p,m-Xylene	9.64	0.0500	10.0		96.4	70-130	1.14	20	
Total Xylenes	14.5	0.0250	15.0		96.6	70-130	1.21	20	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/2021 9:17:05AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2142047-BLK1)

Prepared: 10/15/21 Analyzed: 10/17/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

LCS (2142047-BS2)

Prepared: 10/15/21 Analyzed: 10/17/21

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

LCS Dup (2142047-BSD2)

Prepared: 10/15/21 Analyzed: 10/17/21

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	70-130	4.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/2021 9:17:05AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143010-BLK1)

Prepared: 10/18/21 Analyzed: 10/19/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	56.7		50.0		113	50-200			

LCS (2143010-BS1)

Prepared: 10/18/21 Analyzed: 10/19/21

Diesel Range Organics (C10-C28)	482	25.0	500		96.3	38-132			
Surrogate: <i>n</i> -Nonane	57.2		50.0		114	50-200			

LCS Dup (2143010-BSD1)

Prepared: 10/18/21 Analyzed: 10/19/21

Diesel Range Organics (C10-C28)	475	25.0	500		95.0	38-132	1.43	20	
Surrogate: <i>n</i> -Nonane	56.0		50.0		112	50-200			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/2021 9:17:05AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2142046-BLK1)

Prepared: 10/15/21 Analyzed: 10/15/21

Chloride ND 20.0

LCS (2142046-BS1)

Prepared: 10/15/21 Analyzed: 10/15/21

Chloride 245 20.0 250 98.0 90-110

LCS Dup (2142046-BSD1)

Prepared: 10/15/21 Analyzed: 10/15/21

Chloride 243 20.0 250 97.4 90-110 0.663 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/21 09:17

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

1 of 8

Client: GHD

Project: Gumbys Bag Federal #1

Sampler: Zach Comino

Phone: (505) 377-4218

Email(s): Zach.Comino@GHD.com / Becky.Haskell@GHD.com

Project Manager: Bob Asher@engresources.com

RUSH? ☐ 1d ☐ 3d ☒ 5-7 days

Page 1 of 8

Lab Use Only		Analysis and Method				Lab Only	
Lab WO#	Job Number	GRO/DRO by 8015 + NDC	BTEX by 8021	TPH by 418.1	Chloride by 300.0	Lab Number	Correct Cont/Prsrv (s) Y/N
<u>PE110054</u>	<u>19034-0001</u>	X	X	X		<u>1</u>	
						<u>2</u>	
						<u>3</u>	
						<u>4</u>	
						<u>5</u>	
						<u>6</u>	
						<u>7</u>	
						<u>8</u>	
						<u>9</u>	
						<u>10</u>	

Sample ID	Sample Date	Sample Time	Matrix	Containers
				QTY - Vol/TYP/Preservative
<u>TP1-S</u>	<u>10/12/21</u>	<u>0815</u>	<u>S</u>	
<u>TP1-1</u>		<u>0820</u>		
<u>TP1-2</u>		<u>0825</u>		
<u>TP1-3</u>		<u>0830</u>		
<u>TP1-4</u>		<u>0835</u>		
<u>TP2-S</u>		<u>0850</u>		
<u>TP2-1</u>		<u>0855</u>		
<u>TP2-2</u>		<u>0900</u>		
<u>TP2-3</u>		<u>0905</u>		
<u>TP2-4</u>		<u>0910</u>		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>Zach Comino</u>	<u>10/12/21</u>	<u>1630</u>	<u>[Signature]</u>	<u>10-12-21</u>	<u>1100</u>	**Received on Ice <u>Y</u> / N
<u>[Signature]</u>	<u>10-12-21</u>	<u>1645</u>	<u>[Signature]</u>	<u>10/12/21</u>	<u>13:00</u>	T1 _____ T2 _____ T3 _____
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other						AVG Temp °C <u>4</u>
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA						

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

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

Chain of Custody

Notes/Billing info:



5796 US Highway 64, Farmington, NM 87401
Three Springs • 65 Menado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com

2 of 8

Client: GHD

Project: Gumby Bog Federal #1

Sampler: Zach Comino

Phone: (505) 377-4218

Email(s): Zach.Comino@GHD.com / Becky.Haskell@GHD.com

Project Manager: Bob Asher@engr.sandus.com

RUSH? ☐ 1d ☐ 3d ☒ 5-Day

Lab Use Only

Lab WO# PE110054

Job Number 19034-0001

Page 2 of 8 2051032

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	Analysis and Method				Lab Only Lab Number Correct Cont/Prsrv (s) Y/N
					ERO/DRO by 8015 + NRO	BTEX by 8021	TPH by 418.1	Chloride by 300.0	
TP3-S	10/12/21	0915	S		X	X	X		11
TP3-1		0920							12
TP3-2		0925							13
TP3-3		0930							14
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Relinquished by: (Signature) Zach Comino Date 10/12/21 Time 1630

Received by: (Signature) [Signature] Date 10-12-21 Time 1100

Relinquished by: (Signature) [Signature] Date 10-12-21 Time 1645

Received by: (Signature) [Signature] Date 10/12/21 Time 13:00

Lab Use Only

**Received on Ice ☒ Y ☐ N

T1 4 T2 4 T3 4

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

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

Chain of Custody

Notes/Billing info:



5796 US Highway 64, Farmington, NM 87401
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
Ph (970) 259-0615 Fx (800) 362-1879

envirotech-lab.com
Laboratory@envirotech-lab.com

Envirotech Analytical Laboratory

Printed: 10/13/2021 4:34:15PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	10/13/21 13:00	Work Order ID:	E110054
Phone:	(505) 366-7420	Date Logged In:	10/13/21 09:30	Logged In By:	Alexa Michaels
Email:	zach.comino@ghd.com	Due Date:	10/19/21 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Fedex**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Zach Comino



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Gumby Bag Federal #1

Work Order: E110057

Job Number: 19034-0001

Received: 10/13/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/21

Zach Comino
6121 Indian School Rd. NE #200
Albuquerque, NM 87110



Project Name: Gumby Bag Federal #1
Workorder: E110057
Date Received: 10/13/2021 1:00:00PM

Zach Comino,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2021 1:00:00PM, under the Project Name: Gumby Bag Federal #1.

The analytical test results summarized in this report with the Project Name: Gumby Bag Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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rainaschwanz@envirotech-inc.com

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labadmin@envirotech-inc.com

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tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/21 18:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP5-S	E110057-01A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP5-1	E110057-02A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP5-2	E110057-03A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP5-3	E110057-04A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP5-4	E110057-05A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP6-S	E110057-06A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP6-1	E110057-07A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP6-2	E110057-08A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP6-3	E110057-09A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP6-4	E110057-10A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP7-S	E110057-11A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP7-1	E110057-12A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP7-2	E110057-13A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP7-3	E110057-14A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP7-4	E110057-15A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP8-S	E110057-16A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP8-1	E110057-17A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP8-2	E110057-18A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP8-3	E110057-19A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.
TP8-4	E110057-20A	Soil	10/11/21	10/13/21	Glass Jar, 4 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Gumby Bag Federal #1 Project Number: 19034-0001 Project Manager: Zach Comino	Reported: 10/19/2021 6:09:41PM
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TP5-S

E110057-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21
Toluene	ND	0.0250	1	10/18/21	10/19/21
o-Xylene	ND	0.0250	1	10/18/21	10/19/21
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21
Surrogate: Bromofluorobenzene	91.3 %	70-130		10/18/21	10/19/21
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/18/21	10/19/21
Surrogate: Toluene-d8	97.4 %	70-130		10/18/21	10/19/21

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21
Surrogate: Bromofluorobenzene	91.3 %	70-130		10/18/21	10/19/21
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/18/21	10/19/21
Surrogate: Toluene-d8	97.4 %	70-130		10/18/21	10/19/21

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21
Surrogate: n-Nonane	110 %	50-200		10/18/21	10/19/21

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP5-1

E110057-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	92.5 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	95.1 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	92.5 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	95.1 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	106 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP5-2

E110057-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.3 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	95.5 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.3 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	95.5 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	104 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 6:09:41PM

TP5-3

E110057-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	92.6 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.7 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	92.6 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.7 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	98.8 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	41.8	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP5-4

E110057-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.6 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	97.0 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.6 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	97.0 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	109 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	154	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 6:09:41PM

TP6-S

E110057-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	90.0 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.7 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	90.0 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.7 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	107 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 6:09:41PM

TP6-1

E110057-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	92.9 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	97.4 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	92.9 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	97.4 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	110 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 6:09:41PM

TP6-2

E110057-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	90.4 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	97.1 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	90.4 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	97.1 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	105 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 6:09:41PM

TP6-3

E110057-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.9 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	97.1 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.9 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	97.1 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	109 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP6-4

E110057-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.3 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	97.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.3 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	97.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	108 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	91.0	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 6:09:41PM

TP7-S

E110057-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.5 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.3 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.5 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.3 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	109 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP7-1

E110057-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	92.2 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.9 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	92.2 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.9 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	106 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 6:09:41PM

TP7-2

E110057-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	94.4 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	98.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	94.4 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	98.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	108 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP7-3

E110057-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.4 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	95.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.4 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	95.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	104 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	80.4	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP7-4

E110057-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	90.9 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.9 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	90.9 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.9 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	107 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	100	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 6:09:41PM

TP8-S

E110057-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	89.5 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.5 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	89.5 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.5 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	107 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP8-1

E110057-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.6 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.2 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	91.6 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.2 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	108 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP8-2

E110057-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	90.7 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	90.7 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	111 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/19/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP8-3

E110057-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	90.3 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.3 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	90.3 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.3 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	112 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/19/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 6:09:41PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP8-4

E110057-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	89.9 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: Bromofluorobenzene	89.9 %	70-130		10/18/21	10/19/21	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/18/21	10/19/21	
Surrogate: Toluene-d8	96.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
Surrogate: n-Nonane	113 %	50-200		10/18/21	10/19/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143004
Chloride	ND	20.0	1	10/18/21	10/19/21	



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 6:09:41PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2143002-BLK1)

Prepared: 10/18/21 Analyzed: 10/18/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.444		0.500		88.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2143002-BS1)

Prepared: 10/18/21 Analyzed: 10/18/21

Benzene	3.17	0.0250	2.50		127	70-130			
Ethylbenzene	3.17	0.0250	2.50		127	70-130			
Toluene	3.25	0.0250	2.50		130	70-130			
o-Xylene	3.00	0.0250	2.50		120	70-130			
p,m-Xylene	6.17	0.0500	5.00		123	70-130			
Total Xylenes	9.17	0.0250	7.50		122	70-130			
Surrogate: Bromofluorobenzene	0.462		0.500		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS Dup (2143002-BSD1)

Prepared: 10/18/21 Analyzed: 10/19/21

Benzene	3.17	0.0250	2.50		127	70-130	0.174	23	
Ethylbenzene	3.15	0.0250	2.50		126	70-130	0.680	27	
Toluene	3.21	0.0250	2.50		129	70-130	1.24	24	
o-Xylene	2.98	0.0250	2.50		119	70-130	0.753	27	
p,m-Xylene	6.18	0.0500	5.00		124	70-130	0.227	27	
Total Xylenes	9.16	0.0250	7.50		122	70-130	0.0928	27	
Surrogate: Bromofluorobenzene	0.463		0.500		92.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 6:09:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143002-BLK1)

Prepared: 10/18/21 Analyzed: 10/18/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.444		0.500		88.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

LCS (2143002-BS2)

Prepared: 10/18/21 Analyzed: 10/19/21

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.455		0.500		91.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

LCS Dup (2143002-BSD2)

Prepared: 10/18/21 Analyzed: 10/19/21

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130	0.362	20	
Surrogate: Bromofluorobenzene	0.445		0.500		88.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 6:09:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143009-BLK1)

Prepared: 10/18/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	61.0		50.0		122	50-200			

LCS (2143009-BS1)

Prepared: 10/18/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C28)	538	25.0	500		108	38-132			
Surrogate: <i>n</i> -Nonane	52.1		50.0		104	50-200			

LCS Dup (2143009-BSD1)

Prepared: 10/18/21 Analyzed: 10/19/21

Diesel Range Organics (C10-C28)	548	25.0	500		110	38-132	1.70	20	
Surrogate: <i>n</i> -Nonane	52.9		50.0		106	50-200			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 6:09:41PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143004-BLK1)

Prepared: 10/18/21 Analyzed: 10/18/21

Chloride ND 20.0

LCS (2143004-BS1)

Prepared: 10/18/21 Analyzed: 10/18/21

Chloride 241 20.0 250 96.5 90-110

LCS Dup (2143004-BSD1)

Prepared: 10/18/21 Analyzed: 10/18/21

Chloride 242 20.0 250 96.9 90-110 0.430 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/21 18:09

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



3 of 8

E110057

Client: GHDProject: Gumbo Bay Federal #1Sampler: Zach CominoPhone: (505) 377-4218Email(s): Zach.Comino@GHD.com / Becky.Haskell@GHD.comProject Manager: Bob Asher@engr.sandus.com

RUSH?

1d

3d

5-Day

Lab Use Only

Lab WO#

PEH0053

Job Number

19031-0001

Page 2 of 8

2056032

Analysis and Method

Lab Only

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015 + N2O	BTEX by 8021	TPH by 418.1	Fluoride by 300.0	Lab Number	Correct Cont/Prsrv (s) Y/N
TP5-S	10/11/2021	1005	S		X	X	X		1	
TP5-1		1010							2	
TP5-2		1015							3	
TP5-3		1020							4	
TP5-4		1025							5	
TP6-S		1030							6	
TP6-1		1035							7	
TP6-2		1040							8	
TP6-3		1045							9	
TP6-4		1050							10	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>Zach Comino</u>	10/11/2021	1630	<u>[Signature]</u>	10/12/21	1100	**Received on Ice Y / N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 T2 T3
<u>[Signature]</u>	10/12/21	1645	<u>[Signature]</u>	10/13/21	13:00	AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

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

Chain of Custody

Notes/Billing Info:



5796 US Highway 64, Farmington, NM 87401

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

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

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

 envirotech-inc.com
 laboratory@envirotech-inc.com

4.08

E110057

Client: GHD
 Project: Gumby Bog Federal #1
 Sampler: Zach Comino
 Phone: (505) 377-4218
 Email(s): Zach.Comino@GHD.com / Becky.Haskell@GHD.com
 Project Manager: Bob Asher@engr-solutions.com

RUSH?

1d

3d

5-Day

Lab Use Only		Analysis and Method				Lab Only	
Lab WO# <u>PEH0553</u>							
Job Number <u>19034-0001</u>							
Page <u>4</u> of <u>8</u>							

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPER/Preservative	GRO/DRO by 8015 + NPD	BTEX by 8021	TPH by 418.1	Chloride by 300.0	Lab Number	Correct Cont/Prsrv (s) Y/N
TP7-S	10/11/2021	1055	S		X	X	X		11	
TP7-1		1100							12	
TP7-2		1105							13	
TP7-3		1110							14	
TP7-4		1115							15	
TP8-S		1120							16	
TP8-1		1125							17	
TP8-2		1130							18	
TP8-3		1135							19	
TP8-4		1140							20	

Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only	
<u>Zach Comino</u>		10/11/2021	1630	<u>[Signature]</u>		10/12/21	1100	**Received on Ice <u>Y</u> N	
<u>[Signature]</u>		10/12/21	1645	<u>[Signature]</u>		10/13/21	1300	T1 _____ T2 _____ T3 _____	
								AVG Temp °C <u>4</u>	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

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

Chain of Custody

Notes/Billing Info:



5796 US Highway 64, Farmington, NM 87401

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

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

Ph (970) 259-0615 Fx (800) 367-1879

 envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 10/14/2021 10:48:29AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	10/13/21 13:00	Work Order ID:	E110057
Phone:	(505) 366-7420	Date Logged In:	10/13/21 12:36	Logged In By:	Alexa Michaels
Email:	zach.comino@ghd.com	Due Date:	10/19/21 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Fedex**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 0°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Zach Comino



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Gumby Bag Federal #1

Work Order: E110058

Job Number: 19034-0001

Received: 10/13/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/21



Zach Comino
6121 Indian School Rd. NE #200
Albuquerque, NM 87110

Project Name: Gumby Bag Federal #1
Workorder: E110058
Date Received: 10/13/2021 1:00:00PM

Zach Comino,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2021 1:00:00PM, under the Project Name: Gumby Bag Federal #1.

The analytical test results summarized in this report with the Project Name: Gumby Bag Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/21 16:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP9-S	E110058-01A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP9-1	E110058-02A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP9-2	E110058-03A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP9-3	E110058-04A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP9-4	E110058-05A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP10-S	E110058-06A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP10-1	E110058-07A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP10-2	E110058-08A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP10-3	E110058-09A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP10-4	E110058-10A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP11-S	E110058-11A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP11-1	E110058-12A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP11-2	E110058-13A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP11-3	E110058-14A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP11-4	E110058-15A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP12-S	E110058-16A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP12-1	E110058-17A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP12-2	E110058-18A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP12-3	E110058-19A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP12-4	E110058-20A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Gumby Bag Federal #1 Project Number: 19034-0001 Project Manager: Zach Comino	Reported: 10/19/2021 4:17:25PM
--	--	--

TP9-S

E110058-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.7 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.4 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>	102 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP9-1

E110058-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.3 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.9 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>	105 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP9-2

E110058-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.9 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.2 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>	107 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP9-3

E110058-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.4 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.4 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>	109 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	348	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP9-4

E110058-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>98.6 %</i>	<i>70-130</i>		<i>10/18/21</i>	<i>10/19/21</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>91.8 %</i>	<i>70-130</i>		<i>10/18/21</i>	<i>10/19/21</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>	<i>105 %</i>	<i>50-200</i>		<i>10/18/21</i>	<i>10/18/21</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	173	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:17:25PM

TP10-S

E110058-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143005
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP10-1

E110058-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.5 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.9 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>	112 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:17:25PM

TP10-2

E110058-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143008
Diesel Range Organics (C10-C28)	26.8	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	74.6	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143005
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP10-3

E110058-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.2 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.1 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>	102 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	20.9	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP10-4

E110058-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.7 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.5 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>	104 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:17:25PM

TP11-S

E110058-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143005
Chloride	165	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP11-1

E110058-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.9 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.7 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	28.7	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>	115 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	27.0	20.0	1	10/18/21	10/19/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:17:25PM

TP11-2

E110058-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143005
Chloride	239	20.0	1	10/18/21	10/19/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:17:25PM

TP11-3

E110058-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143005
Chloride	504	20.0	1	10/18/21	10/19/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:17:25PM

TP11-4

E110058-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	224	20.0	1	10/18/21	10/19/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:17:25PM

TP12-S

E110058-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143008
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143005
Chloride	745	20.0	1	10/18/21	10/19/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP12-1

E110058-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>		113 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	1180	20.0	1	10/18/21	10/19/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP12-2

E110058-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>		107 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	904	20.0	1	10/18/21	10/19/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP12-3

E110058-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	25.6	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
<i>Surrogate: n-Nonane</i>		111 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	477	20.0	1	10/18/21	10/19/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:17:25PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP12-4

E110058-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Benzene	ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	10/18/21	10/19/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143008	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/19/21	
<i>Surrogate: n-Nonane</i>		113 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2143005	
Chloride	213	20.0	1	10/18/21	10/19/21	



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 4:17:25PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143003-BLK1)

Prepared: 10/18/21 Analyzed: 10/18/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

LCS (2143003-BS1)

Prepared: 10/18/21 Analyzed: 10/18/21

Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.4	70-130			
Toluene	5.02	0.0250	5.00		100	70-130			
o-Xylene	4.96	0.0250	5.00		99.3	70-130			
p,m-Xylene	9.83	0.0500	10.0		98.3	70-130			
Total Xylenes	14.8	0.0250	15.0		98.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.20		8.00		102	70-130			

LCS Dup (2143003-BSD1)

Prepared: 10/18/21 Analyzed: 10/18/21

Benzene	4.99	0.0250	5.00		99.8	70-130	0.462	20	
Ethylbenzene	4.79	0.0250	5.00		95.8	70-130	0.693	20	
Toluene	4.99	0.0250	5.00		99.8	70-130	0.673	20	
o-Xylene	4.92	0.0250	5.00		98.5	70-130	0.825	20	
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130	0.794	20	
Total Xylenes	14.7	0.0250	15.0		97.8	70-130	0.805	20	
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 4:17:25PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143003-BLK1)

Prepared: 10/18/21 Analyzed: 10/18/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

LCS (2143003-BS2)

Prepared: 10/18/21 Analyzed: 10/18/21

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			

LCS Dup (2143003-BSD2)

Prepared: 10/18/21 Analyzed: 10/18/21

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.1	70-130	2.44	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 4:17:25PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143008-BLK1)

Prepared: 10/18/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	60.0		50.0		120	50-200			

LCS (2143008-BS1)

Prepared: 10/18/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C28)	463	25.0	500		92.5	38-132			
Surrogate: <i>n</i> -Nonane	53.2		50.0		106	50-200			

LCS Dup (2143008-BSD1)

Prepared: 10/18/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C28)	474	25.0	500		94.8	38-132	2.41	20	
Surrogate: <i>n</i> -Nonane	54.2		50.0		108	50-200			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 4:17:25PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2143005-BLK1)					Prepared: 10/18/21 Analyzed: 10/18/21				
Chloride	ND	20.0							
LCS (2143005-BS1)					Prepared: 10/18/21 Analyzed: 10/18/21				
Chloride	243	20.0	250		97.2	90-110			
LCS Dup (2143005-BSD1)					Prepared: 10/18/21 Analyzed: 10/18/21				
Chloride	243	20.0	250		97.1	90-110	0.169	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/21 16:17

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client:	GHD
Project:	Grubbs Bog Federal #1
Sampler:	Z10 Corning
Phone:	(505) 377-4218
Email(s):	Zach.Cunningham@GHD.com / Becky.Hickling@GHD.com
Project Manager:	Bobbie Adams @ GHD.com
RUSH?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Lab WO#	P1110058
Job Number	19034-0001
Containers	3 of 8
QTY - Vol/TPE/Preservative	
Lab Use Only	GRO/DRO by 8015 + MAG BTEX by 8021 TPH by 418.1 Chloride by 300.0
Analysis and Method	
Lab Number	
Correct Cont/Prserv (s) Y/N	

Sample ID

Sample Date

Sample Time

Matrix

TP9-S

TP9-1

TP9-2

TP9-3

TP9-4

TP10-S

TP10-1

TP10-2

TP10-3

TP10-4

Received by: (Signature)

Date

Time

Relinquished by: (Signature)

Date

Time

Container Type: E - glass, P - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Notes/Billing Info:

[illegible]

Envirotech Analytical Laboratory

Printed: 10/14/2021 10:48:04AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	10/13/21 13:00	Work Order ID:	E110058
Phone:	(505) 366-7420	Date Logged In:	10/13/21 12:39	Logged In By:	Alexa Michaels
Email:	zach.comino@ghd.com	Due Date:	10/19/21 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: FedexComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Zach Comino



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Gumby Bag Federal #1

Work Order: E110059

Job Number: 19034-0001

Received: 10/13/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/21



Zach Comino
6121 Indian School Rd. NE #200
Albuquerque, NM 87110

Project Name: Gumby Bag Federal #1
Workorder: E110059
Date Received: 10/13/2021 1:00:00PM

Zach Comino,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2021 1:00:00PM, under the Project Name: Gumby Bag Federal #1.

The analytical test results summarized in this report with the Project Name: Gumby Bag Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/21 16:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP13-S	E110059-01A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP13-1	E110059-02A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP13-2	E110059-03A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP13-3	E110059-04A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP13-4	E110059-05A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP14-S	E110059-06A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP14-1	E110059-07A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP14-2	E110059-08A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP14-3	E110059-09A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP14-4	E110059-10A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP15-S	E110059-11A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP15-1	E110059-12A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP15-2	E110059-13A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP15-3	E110059-14A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP15-4	E110059-15A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Gumby Bag Federal #1 Project Number: 19034-0001 Project Manager: Zach Comino	Reported: 10/19/2021 4:02:23PM
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TP13-S

E110059-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/17/21
Ethylbenzene	ND	0.0250	1	10/17/21	10/17/21
Toluene	ND	0.0250	1	10/17/21	10/17/21
o-Xylene	ND	0.0250	1	10/17/21	10/17/21
p,m-Xylene	ND	0.0500	1	10/17/21	10/17/21
Total Xylenes	ND	0.0250	1	10/17/21	10/17/21
Surrogate: Bromofluorobenzene	90.6 %	70-130		10/17/21	10/17/21
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		10/17/21	10/17/21
Surrogate: Toluene-d8	98.2 %	70-130		10/17/21	10/17/21

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/17/21
Surrogate: Bromofluorobenzene	90.6 %	70-130		10/17/21	10/17/21
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		10/17/21	10/17/21
Surrogate: Toluene-d8	98.2 %	70-130		10/17/21	10/17/21

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21
Surrogate: n-Nonane	104 %	50-200		10/18/21	10/18/21

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2143006
Chloride	202	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:02:23PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP13-1

E110059-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/17/21	
Toluene	ND	0.0250	1	10/17/21	10/17/21	
o-Xylene	ND	0.0250	1	10/17/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	91.2 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	97.2 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	91.2 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	97.2 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	112 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	258	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:02:23PM

TP13-2

E110059-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/17/21	
Toluene	ND	0.0250	1	10/17/21	10/17/21	
o-Xylene	ND	0.0250	1	10/17/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	90.4 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	97.4 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	90.4 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	97.4 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	114 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	377	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:02:23PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP13-3

E110059-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/17/21	
Toluene	ND	0.0250	1	10/17/21	10/17/21	
o-Xylene	ND	0.0250	1	10/17/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	90.1 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	97.3 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	90.1 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	97.3 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	107 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	285	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:02:23PM

TP13-4

E110059-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0500	2	10/17/21	10/17/21	
Ethylbenzene	ND	0.0500	2	10/17/21	10/17/21	
Toluene	ND	0.0500	2	10/17/21	10/17/21	
o-Xylene	ND	0.0500	2	10/17/21	10/17/21	
p,m-Xylene	ND	0.100	2	10/17/21	10/17/21	
Total Xylenes	ND	0.0500	2	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	92.0 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	97.2 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	40.0	2	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	92.0 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	97.2 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	106 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	131	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:02:23PM

TP14-S

E110059-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/17/21	
Toluene	ND	0.0250	1	10/17/21	10/17/21	
o-Xylene	ND	0.0250	1	10/17/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	89.8 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	97.5 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	89.8 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	97.5 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	112 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:02:23PM

TP14-1

E110059-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/17/21	
Toluene	ND	0.0250	1	10/17/21	10/17/21	
o-Xylene	ND	0.0250	1	10/17/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	91.0 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	96.9 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	91.0 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	96.9 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	110 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	ND	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:02:23PM

TP14-2

E110059-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/17/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/17/21	
Toluene	ND	0.0250	1	10/17/21	10/17/21	
o-Xylene	ND	0.0250	1	10/17/21	10/17/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	91.8 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	96.9 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/17/21	
Surrogate: Bromofluorobenzene	91.8 %	70-130		10/17/21	10/17/21	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		10/17/21	10/17/21	
Surrogate: Toluene-d8	96.9 %	70-130		10/17/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	114 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	132	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:02:23PM

TP14-3

E110059-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/18/21	
Toluene	ND	0.0250	1	10/17/21	10/18/21	
o-Xylene	ND	0.0250	1	10/17/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.9 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	95.9 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.9 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	95.9 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	117 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	315	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:02:23PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP14-4

E110059-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/18/21	
Toluene	ND	0.0250	1	10/17/21	10/18/21	
o-Xylene	ND	0.0250	1	10/17/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.3 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	95.5 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.3 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	95.5 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	115 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	495	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:02:23PM

TP15-S

E110059-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/18/21	
Toluene	ND	0.0250	1	10/17/21	10/18/21	
o-Xylene	ND	0.0250	1	10/17/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	88.5 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	97.5 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	88.5 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	97.5 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	112 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	113	20.0	1	10/18/21	10/18/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 4:02:23PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP15-1

E110059-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/18/21	
Toluene	ND	0.0250	1	10/17/21	10/18/21	
o-Xylene	ND	0.0250	1	10/17/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.1 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	95.8 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.1 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	95.8 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	116 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	219	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:02:23PM

TP15-2

E110059-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/18/21	
Toluene	ND	0.0250	1	10/17/21	10/18/21	
o-Xylene	ND	0.0250	1	10/17/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.8 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	96.9 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.8 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	96.9 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	123 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	1140	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:02:23PM

TP15-3

E110059-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/18/21	
Toluene	ND	0.0250	1	10/17/21	10/18/21	
o-Xylene	ND	0.0250	1	10/17/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.4 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	96.3 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.4 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	96.3 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	109 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	520	20.0	1	10/18/21	10/18/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 4:02:23PM

TP15-4

E110059-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Benzene	ND	0.0250	1	10/17/21	10/18/21	
Ethylbenzene	ND	0.0250	1	10/17/21	10/18/21	
Toluene	ND	0.0250	1	10/17/21	10/18/21	
o-Xylene	ND	0.0250	1	10/17/21	10/18/21	
p,m-Xylene	ND	0.0500	1	10/17/21	10/18/21	
Total Xylenes	ND	0.0250	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.1 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	96.0 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/21	10/18/21	
Surrogate: Bromofluorobenzene	90.1 %	70-130		10/17/21	10/18/21	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		10/17/21	10/18/21	
Surrogate: Toluene-d8	96.0 %	70-130		10/17/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/18/21	10/18/21	
Surrogate: n-Nonane	103 %	50-200		10/18/21	10/18/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143006
Chloride	252	20.0	1	10/18/21	10/18/21	



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 4:02:23PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143001-BLK1)

Prepared: 10/17/21 Analyzed: 10/17/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.451		0.500		90.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2143001-BS1)

Prepared: 10/17/21 Analyzed: 10/17/21

Benzene	3.04	0.0250	2.50		121	70-130			
Ethylbenzene	3.02	0.0250	2.50		121	70-130			
Toluene	3.19	0.0250	2.50		128	70-130			
o-Xylene	2.84	0.0250	2.50		114	70-130			
p,m-Xylene	5.86	0.0500	5.00		117	70-130			
Total Xylenes	8.70	0.0250	7.50		116	70-130			
Surrogate: Bromofluorobenzene	0.448		0.500		89.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

LCS Dup (2143001-BSD1)

Prepared: 10/17/21 Analyzed: 10/17/21

Benzene	3.02	0.0250	2.50		121	70-130	0.628	23	
Ethylbenzene	3.06	0.0250	2.50		122	70-130	1.23	27	
Toluene	3.23	0.0250	2.50		129	70-130	1.21	24	
o-Xylene	2.86	0.0250	2.50		114	70-130	0.650	27	
p,m-Xylene	5.91	0.0500	5.00		118	70-130	0.943	27	
Total Xylenes	8.77	0.0250	7.50		117	70-130	0.847	27	
Surrogate: Bromofluorobenzene	0.454		0.500		90.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 4:02:23PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143001-BLK1)

Prepared: 10/17/21 Analyzed: 10/17/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.451		0.500		90.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2143001-BS2)

Prepared: 10/17/21 Analyzed: 10/17/21

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	0.446		0.500		89.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

LCS Dup (2143001-BSD2)

Prepared: 10/17/21 Analyzed: 10/17/21

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130	0.448	20	
Surrogate: Bromofluorobenzene	0.452		0.500		90.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 4:02:23PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143007-BLK1)

Prepared: 10/18/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	63.7		50.0		127	50-200			

LCS (2143007-BS1)

Prepared: 10/18/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C28)	518	25.0	500		104	38-132			
Surrogate: <i>n</i> -Nonane	54.2		50.0		108	50-200			

LCS Dup (2143007-BSD1)

Prepared: 10/18/21 Analyzed: 10/18/21

Diesel Range Organics (C10-C28)	506	25.0	500		101	38-132	2.47	20	
Surrogate: <i>n</i> -Nonane	53.2		50.0		106	50-200			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 4:02:23PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143006-BLK1)

Prepared: 10/18/21 Analyzed: 10/18/21

Chloride ND 20.0

LCS (2143006-BS1)

Prepared: 10/18/21 Analyzed: 10/18/21

Chloride 245 20.0 250 98.0 90-110

LCS Dup (2143006-BSD1)

Prepared: 10/18/21 Analyzed: 10/18/21

Chloride 245 20.0 250 98.1 90-110 0.135 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/21 16:02

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

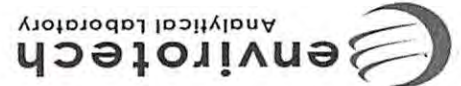
RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





5796 US Highway 64, Farmington, NM 87401

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

PH (970) 359-0615 FX (505) 612-6615
PH (970) 359-0615 FX (505) 612-1865envirotech inc.com
laboratory@envirotech-inc.com

Client: **CHD**
Project: **Guadalupe Bog Federal #1**
Sampler: **Z. L. G. G. G.**
Phone: **(505) 377-9218**
Email(s): **z.l.g.g.g. @chd.com / Bob.Ashcroft@resolutions.com**
Project Manager: **Bob.Ashcroft@resolutions.com**

Lab Use Only
Lab WO# **PE110059**
Job Number **19034-001**
Containers **7 of 8 025002**

Analysis and Method
Chloride by 300.0
BTEX by 8021
SRO/DRO by 8015 + MRO

Lab Number
Correct Cont/Prsr (s) Y/N

Sample ID	Sample Date	Sample Time	Matrix	Received by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C	Lab Use Only
TP13-S	10/12/21	1355	S	[Signature]	10-12-21	1100	[Signature]	10-12-21	1100	13:00	X
TP13-1		1400									X
TP13-2		1405									X
TP13-3		1410									X
TP13-4		1415									X
TP14-S		1420									X
TP14-1		1425									X
TP14-2		1430									X
TP14-3		1435									X
TP14-4		1440									X

Chain of Custody
Notes/Billing Info:

Container Type: B - glass, P - poly/plastic, ag - amber glass, v - VOA

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

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Client:	GHD
Project:	Samples Bog Federal #1
Sampler:	Zach Connors
Phone:	(505) 377-4218
Email(s):	Zach.Connors@GHD.com / Zach.Huskins@GHD.com
Project Manager:	Bog - Address@gr-samplers.com
RUSH?	<input checked="" type="checkbox"/>
Id	<input checked="" type="checkbox"/>
Ad	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>
Lab WO#	P/E110059
Job Number	19084-0001
QTY - Vol/TYPE/Preservative	8 of 8 305002
Analysis and Method	GRD/DRO by 8015 + MGD BTEX by 8021 TPH by 418.1 Chloride by 300.0
Lab Number	
Correct Cont/Prsv (%) Y/N	
Sample ID	TP15-S
Sample Date	10/12/21
Sample Time	1445 S
Matrix	
Containers	
Relinquished By: (Signature)	[Signature]
Date	10/12/21
Time	1630
Relinquished By: (Signature)	[Signature]
Date	10/12/21
Time	1645
Received by: (Signature)	[Signature]
Date	10/12/21
Time	1100
** Received on Ice Y N	Y
T1	13.00
AVG Temp °C	4
T2	
T3	
Container Type: G - glass, P - poly/plastic, AG - amber glass, V - VOA	
Notes/Billing Info:	
Chain of Custody	
Sample(s) dropped off after hours to a secure drop off area.	

Envirotech Analytical Laboratory

Printed: 10/14/2021 10:47:40AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	10/13/21 13:00	Work Order ID:	E110059
Phone:	(505) 366-7420	Date Logged In:	10/13/21 12:43	Logged In By:	Alexa Michaels
Email:	zach.comino@ghd.com	Due Date:	10/19/21 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Fedex**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Zach Comino



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Gumby Bag Federal #1

Work Order: E110053

Job Number: 19034-0001

Received: 10/13/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/19/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/21



Zach Comino
6121 Indian School Rd. NE #200
Albuquerque, NM 87110

Project Name: Gumby Bag Federal #1
Workorder: E110053
Date Received: 10/13/2021 1:00:00PM

Zach Comino,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2021 1:00:00PM, under the Project Name: Gumby Bag Federal #1.

The analytical test results summarized in this report with the Project Name: Gumby Bag Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/21 09:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP16-S	E110053-01A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP16-1	E110053-02A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP16-2	E110053-03A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP16-3	E110053-04A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP16-4	E110053-05A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP17-S	E110053-06A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP17-1	E110053-07A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP17-2	E110053-08A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP17-3	E110053-09A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP17-4	E110053-10A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP17-6	E110053-11A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP17-8	E110053-12A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP17-10	E110053-13A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP18-S	E110053-14A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP18-1	E110053-15A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP18-2	E110053-16A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP18-3	E110053-17A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.
TP18-4	E110053-18A	Soil	10/12/21	10/13/21	Glass Jar, 4 oz.



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 9:11:22AM

TP16-S

E110053-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2142039	
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
<i>Surrogate: Bromofluorobenzene</i>	91.5 %	70-130		10/15/21	10/15/21	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	93.8 %	70-130		10/15/21	10/15/21	
<i>Surrogate: Toluene-d8</i>	98.8 %	70-130		10/15/21	10/15/21	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2142039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
<i>Surrogate: Bromofluorobenzene</i>	91.5 %	70-130		10/15/21	10/15/21	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	93.8 %	70-130		10/15/21	10/15/21	
<i>Surrogate: Toluene-d8</i>	98.8 %	70-130		10/15/21	10/15/21	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2142036	
Diesel Range Organics (C10-C28)	130	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	381	50.0	1	10/14/21	10/16/21	
<i>Surrogate: n-Nonane</i>	133 %	50-200		10/14/21	10/16/21	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2142032	
Chloride	7750	100	5	10/14/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 9:11:22AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP16-1

E110053-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	92.7 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	96.2 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	92.7 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	96.2 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	114 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	6210	100	5	10/14/21	10/15/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 9:11:22AM

TP16-2

E110053-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	94.5 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	98.6 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	94.5 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	98.6 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	122 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	3920	40.0	2	10/14/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 9:11:22AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP16-3

E110053-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.7 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.6 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.7 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.6 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	116 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	1840	40.0	2	10/14/21	10/15/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 9:11:22AM

TP16-4

E110053-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.7 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	96.2 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.7 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	96.2 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	123 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	741	20.0	1	10/14/21	10/15/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 9:11:22AM

TP17-S

E110053-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.2 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.3 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.2 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.3 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	120 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	3480	40.0	2	10/14/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 9:11:22AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP17-1

E110053-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	92.3 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.9 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	92.3 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	97.2 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.9 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	123 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	6820	200	10	10/14/21	10/15/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 9:11:22AM

TP17-2

E110053-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.3 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.5 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.3 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.5 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	148 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	5820	100	5	10/14/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 9:11:22AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP17-3

E110053-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.1 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.5 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.1 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.5 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	124 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	3940	40.0	2	10/14/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 9:11:22AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP17-4

E110053-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	93.2 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.8 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	93.2 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.8 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	123 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	1430	40.0	2	10/14/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 9:11:22AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP17-6

E110053-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	92.1 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	96.1 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	92.1 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	96.1 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	120 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	2090	40.0	2	10/14/21	10/15/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 9:11:22AM

TP17-8

E110053-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.8 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	95.6 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.8 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	95.6 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	124 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	760	20.0	1	10/14/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 9:11:22AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP17-10

E110053-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.8 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	98.0 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.8 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	98.0 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	123 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	278	20.0	1	10/14/21	10/15/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 9:11:22AM

TP18-S

E110053-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.9 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.5 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	91.9 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.5 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	124 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	43.5	20.0	1	10/14/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 9:11:22AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP18-1

E110053-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	92.9 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	99.2 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	92.9 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	99.2 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	120 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	351	20.0	1	10/14/21	10/15/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 9:11:22AM

TP18-2

E110053-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	93.5 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	98.8 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	93.5 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	96.5 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	98.8 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	117 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	472	20.0	1	10/14/21	10/15/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/19/2021 9:11:22AM

TP18-3

E110053-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	93.2 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.6 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	93.2 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.6 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	123 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	284	20.0	1	10/14/21	10/15/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/19/2021 9:11:22AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP18-4

E110053-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Benzene	ND	0.0250	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	94.1 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.9 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene	94.1 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/15/21	10/15/21	
Surrogate: Toluene-d8	97.9 %	70-130		10/15/21	10/15/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2142036
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/21	10/16/21	
Surrogate: n-Nonane	125 %	50-200		10/14/21	10/16/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2142032
Chloride	126	20.0	1	10/14/21	10/16/21	



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 9:11:22AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2142039-BLK1)

Prepared: 10/15/21 Analyzed: 10/15/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.469		0.500		93.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

LCS (2142039-BS1)

Prepared: 10/15/21 Analyzed: 10/15/21

Benzene	2.69	0.0250	2.50		108	70-130			
Ethylbenzene	2.79	0.0250	2.50		112	70-130			
Toluene	2.82	0.0250	2.50		113	70-130			
o-Xylene	2.67	0.0250	2.50		107	70-130			
p,m-Xylene	5.52	0.0500	5.00		110	70-130			
Total Xylenes	8.19	0.0250	7.50		109	70-130			
Surrogate: Bromofluorobenzene	0.468		0.500		93.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			

LCS Dup (2142039-BSD1)

Prepared: 10/15/21 Analyzed: 10/15/21

Benzene	2.66	0.0250	2.50		106	70-130	1.23	23	
Ethylbenzene	2.74	0.0250	2.50		109	70-130	1.95	27	
Toluene	2.73	0.0250	2.50		109	70-130	2.99	24	
o-Xylene	2.60	0.0250	2.50		104	70-130	2.75	27	
p,m-Xylene	5.37	0.0500	5.00		107	70-130	2.67	27	
Total Xylenes	7.97	0.0250	7.50		106	70-130	2.70	27	
Surrogate: Bromofluorobenzene	0.459		0.500		91.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 9:11:22AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2142039-BLK1)

Prepared: 10/15/21 Analyzed: 10/15/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.469		0.500		93.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

LCS (2142039-BS2)

Prepared: 10/15/21 Analyzed: 10/15/21

Gasoline Range Organics (C6-C10)	55.9	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	0.450		0.500		89.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

LCS Dup (2142039-BSD2)

Prepared: 10/15/21 Analyzed: 10/15/21

Gasoline Range Organics (C6-C10)	57.8	20.0	50.0		116	70-130	3.47	20	
Surrogate: Bromofluorobenzene	0.454		0.500		90.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 9:11:22AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2142036-BLK1)

Prepared: 10/14/21 Analyzed: 10/16/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	60.5		50.0		121	50-200			

LCS (2142036-BS1)

Prepared: 10/14/21 Analyzed: 10/16/21

Diesel Range Organics (C10-C28)	511	25.0	500		102	38-132			
Surrogate: <i>n</i> -Nonane	60.2		50.0		120	50-200			

LCS Dup (2142036-BSD1)

Prepared: 10/14/21 Analyzed: 10/16/21

Diesel Range Organics (C10-C28)	502	25.0	500		100	38-132	1.66	20	
Surrogate: <i>n</i> -Nonane	59.1		50.0		118	50-200			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 9:11:22AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2142032-BLK1)

Prepared: 10/14/21 Analyzed: 10/15/21

Chloride ND 20.0

LCS (2142032-BS1)

Prepared: 10/14/21 Analyzed: 10/15/21

Chloride 247 20.0 250 98.6 90-110

LCS Dup (2142032-BSD1)

Prepared: 10/14/21 Analyzed: 10/15/21

Chloride 243 20.0 250 97.1 90-110 1.63 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/21 09:11

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

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

...Samples requiring thermal preservation must be received or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Lab Use Only

Time

Received by: (Signature)

Relinquished by: (Signature)

Date	Time
------	------

Relinquished by: (Signature)

Date	Time
------	------

(received by signature)

Time

11

12

1

13

[illegible]

Sample ID

Sample Date

Time

Matrix

QTY - Vol/TYPE/Preservative

Project Manager: Bob - Asher@cs.cmu.edu

Email(s): 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 2129-2130, 2131-2132, 2133-2134, 2135-2136, 2137-2138, 2139-2140, 2141-2142, 2143-2144, 2145-2146, 2147-2148, 2149-2150, 2151-2152, 2153-2154, 2155-2156, 2157-2158, 2159-2160, 2161-2162, 2163-2164, 2165-2166, 2167-2168, 2169-2170, 2171-2172, 2173-2174, 2175-2176, 2177-2178, 2179-2180, 2181-2182, 2183-2184, 2185-2186, 2187-2188, 2189-2190, 2191-2192, 2193-2194, 2195-2196, 2197-2198, 2199-2200, 2201-2202, 2203-2204, 2205-2206, 2207-2208, 2209-2210, 2211-2212, 2213-2214, 2215-2216, 2217-2218, 2219-2220, 2221-2222, 2223-2224, 2225-2226, 2227-2228, 2229-2230, 2231-2232, 2233-2234, 2235-2236, 2237-2238, 2239-2240, 2241-2242, 2243-2244, 2245-2246, 2247-2248, 2249-2250, 2251-2252, 2253-2254, 2255-2256, 2257-2258, 2259-2260, 2261-2262, 2263-2264, 2265-2266, 2267-2268, 2269-2270, 2271-2272, 2273-2274, 2275-2276, 2277-2278, 2279-2280, 2281-2282, 2283-2284, 2285-2286, 2287-2288, 2289-2290, 2291-2292, 2293-2294, 2295-2296, 2297-2298, 2299-2300, 2301-2302, 2303-2304, 2305-2306, 2307-2308, 2309-2310, 2311-2312, 2313-2314, 2315-2316, 2317-2318, 2319-2320, 2321-2322, 2323-2324, 2325-2326, 2327-2328, 2329-2330, 2331-2332, 2333-2334, 2335-2336, 2337-2338, 2339-2340, 2341-2342, 2343-2344, 2345-2346, 2347-2348, 2349-2350, 2351-2352, 2353-2354, 2355-2356, 2357-2358, 2359-2360, 2361-2362, 2363-2364, 2365-2366, 2367-2368, 2369-2370, 2371-2372, 2373-2374, 2375-2376, 2377-2378, 2379-2380, 2381-2382, 2383-2384, 2385-2386, 2387-2388, 2389-2390, 2391-2392, 2393-2394, 2395-2396, 2397-2398, 2399-2400, 2401-2402, 2403-2404, 2405-2406, 2407-2408, 2409-2410, 2411-2412, 2413-2414, 2415-2416, 2417-2418, 2419-2420, 2421-2422, 2423-2424, 2425-2426, 2427-2428, 2429-2430, 2431-2432, 2433-2434, 2435-2436, 2437-2438, 2439-2440, 2441-2442, 2443-2444, 2445-2446, 2447-2448, 2449-2450, 2451-2452, 2453-2454, 2455-2456, 2457-2458, 2459-2460, 2461-2462, 2463-2464, 2465-2466, 2467-2468, 2469-2470, 2471-2472, 2473-2474, 2475-2476, 2477-2478, 2479-2480, 2481-2482, 2483-2484, 2485-2486, 2487-2488, 2489-2490, 2491-2492, 2493-2494, 2495-2496, 2497-2498, 2499-2500, 2501-2502, 2503-2504, 2505-2506, 2507-2508, 2509-2510, 2511-2512, 2513-2514, 2515-2516, 2517-2518, 2519-2520, 2521-2522, 2523-2524, 2525-2526, 2527-2528, 2529-2530, 2531-2532, 2533-2534, 2535-2536, 2537-2538, 2539-2540, 2541-2542, 2543-2544, 2545-2546, 2547-2548, 2549-2550, 2551-2552, 2553-2554, 2555-2556, 2557-2558, 2559-2560, 2561-2562, 2563-2564, 2565-2566, 2567-2568, 2569-2570, 2571-2572, 2573-2574, 2575-2576, 2577-2578, 2579-2580, 2581-2582, 2583-2584, 2585-2586, 2587-2588, 2589-2590, 2591-2592, 2593-2594, 2595-2596, 2597-2598, 2599-2600, 2601-2602, 2603-2604, 2605-2606, 2607-2608, 2609-2610, 2611-2612, 2613-2614, 2615-2616, 2617-2618, 2619-2620, 2621-2622, 2623-2624, 2625-2626, 2627-2628, 2629-2630, 2631-2632, 2633-2634, 2635-2636, 2637-2638, 2639-2640, 2641-2642, 2643-2644, 2645-2646, 2647-2648, 2649-2650, 2651-2652, 2653-2654, 2655-2656, 2657-2658, 2659-2660, 2661-2662, 2663-2664, 2665-2666, 2667-2668, 2669-2670, 2671-2672, 2673-2674, 2675-2676, 2677-2678, 2679-2680, 2681-2682, 2683-2684, 2685-2686, 2687-2688, 2689-2690, 2691-2692, 2693-2694, 2695-2696, 2697-2698, 2699-2700, 2701-2702, 2703-2704, 2705-2706, 2707-2708, 2709-2710, 2711-2712, 2713-2714, 2715-2716, 2717-2718, 2719-2720, 2721-2722, 2723-2724, 2725-2726, 2727-2728, 2729-2730, 2731-2732, 2733-2734, 2735-2736, 2737-2738, 2739-2740, 2741-2742, 2743-2744, 2745-2746, 2747-2748, 2749-2750, 2751-2752, 2753-2754, 2755-2756, 2757-2758, 2759-2760,

Phone: (505) 577-9218

Sample: 2014-01-01

Project: Guilford Island Federal #1

Project: CHD

Client: _____

(H)

BUSH?

Lab Use Only

Page 29 of 31

Received by OCD: 4/25/2022 4:09:55 PM



5795 US Highway 64, Farmington, MA 01701

Three Springs - 65 Merced Street, Suite 115, Dunsmuir, CA 95921

Ph (508) 612-0615 Fx (508) 612-1865
Ph (978) 259-0615 Fx (800) 362-1879

envirotech Analytical Laboratory

Client: **GHD**
 Project: **Quincy Bog Remedial #1**
 Sampler: **210 GHD**
 Phone: **(508) 377-4218**
 Email(s): **z.l.couine@ghd.com / Betsy.Hastie1@ghd.com**
 Project Manager: **Bob-Adams@ghd.com**

Lab Use Only
 Lab WO# **PE1100063**
 Job Number **19034-0001**
 Containers **2 of 2**
 QTY - Vol/TYPE/Preservative
 SRO/DRO by 8015 + NRO
 BTEX by 8021
 TPH by 418.1
 Chloride by 300.0

Analysis and Method
 Lab Number
 Correct Cont/Prsrv (s) Y/N

Sample ID	Sample Date	Sample Time	Matrix	Received by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C	Container Type: G - glass, P - poly/plastic, ag - amber glass, v - VOA
TP17-6	10/22/21	0935	S	[Signature]	10-12-21	1400	[Signature]	10-12-21	13:00	13.00	G
TP17-8		0940									
TP17-10		0945									
TP18-5		1000									
TP18-1		1005									
TP18-2		1005									
TP18-3		1015									
TP18-4		1020									

Chain of Custody
 Notes/Billing Info:
 **Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.
 Sample(s) dropped off after hours to a secure drop off area.

Envirotech Analytical Laboratory

Printed: 10/13/2021 4:52:15PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	10/13/21 13:00	Work Order ID:	E110053
Phone:	(505) 366-7420	Date Logged In:	10/13/21 09:27	Logged In By:	Alexa Michaels
Email:	zach.comino@ghd.com	Due Date:	10/19/21 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Fedex**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:

Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Zach Comino



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Gumby Bag Federal #1

Work Order: E110075

Job Number: 19034-0001

Received: 10/16/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/22/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/22/21



Zach Comino
6121 Indian School Rd. NE #200
Albuquerque, NM 87110

Project Name: Gumby Bag Federal #1
Workorder: E110075
Date Received: 10/16/2021 11:15:00AM

Zach Comino,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/16/2021 11:15:00AM, under the Project Name: Gumby Bag Federal #1.

The analytical test results summarized in this report with the Project Name: Gumby Bag Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/21 18:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP19-S	E110075-01A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP19-1	E110075-02A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP19-2	E110075-03A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP19-3	E110075-04A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP19-4	E110075-05A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP19-6	E110075-06A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP20-S	E110075-07A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP20-1	E110075-08A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP20-2	E110075-09A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP20-3	E110075-10A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP20-4	E110075-11A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP20-6	E110075-12A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP21-S	E110075-13A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP21-1	E110075-14A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP21-2	E110075-15A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP21-3	E110075-16A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP21-4	E110075-17A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP21-6	E110075-18A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
TP21-8	E110075-19A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Gumby Bag Federal #1 Project Number: 19034-0001 Project Manager: Zach Comino	Reported: 10/22/2021 6:04:53PM
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TP19-S

E110075-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/21/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/21/21	
Toluene	ND	0.0250	1	10/21/21	10/21/21	
o-Xylene	ND	0.0250	1	10/21/21	10/21/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/21/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	100 %	70-130		10/21/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.3 %	70-130		10/21/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	61.8	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	223	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>	120 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	2210	40.0	2	10/21/21	10/21/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/22/2021 6:04:53PM

TP19-1

E110075-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143045
Benzene	ND	0.0250	1	10/21/21	10/21/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/21/21	
Toluene	ND	0.0250	1	10/21/21	10/21/21	
o-Xylene	ND	0.0250	1	10/21/21	10/21/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/21/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	10/21/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.8 %	70-130	10/21/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143044
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
<i>Surrogate: n-Nonane</i>						
		97.7 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143046
Chloride	1960	40.0	2	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP19-2

E110075-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.8 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.2 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
<i>Surrogate: n-Nonane</i>	98.3 %	50-200		10/21/21	10/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	1830	40.0	2	10/21/21	10/21/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/22/2021 6:04:53PM

TP19-3

E110075-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143045
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143044
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143046
Chloride	1950	40.0	2	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP19-4

E110075-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.0 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.4 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
<i>Surrogate: n-Nonane</i>	102 %	50-200		10/21/21	10/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	1370	40.0	2	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP19-6

E110075-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
<i>Surrogate: n-Nonane</i>		102 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	323	20.0	1	10/21/21	10/21/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/22/2021 6:04:53PM

TP20-S

E110075-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	29.3	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	102	50.0	1	10/21/21	10/21/21	
<i>Surrogate: n-Nonane</i>						
	97.0 %	50-200		10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	5050	100	5	10/21/21	10/21/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/22/2021 6:04:53PM

TP20-1

E110075-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143045
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143044
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
<i>Surrogate: n-Nonane</i>						
	99.1 %	50-200		10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143046
Chloride	2360	40.0	2	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP20-2

E110075-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.8 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.2 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>	101 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	2720	40.0	2	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP20-3

E110075-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.5 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.7 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>	104 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	1560	20.0	1	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP20-4

E110075-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.9 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.9 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>	102 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	1130	20.0	1	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP20-6

E110075-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.3 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.9 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>	101 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	499	20.0	1	10/21/21	10/21/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/22/2021 6:04:53PM

TP21-S

E110075-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143045
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143044
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	59.1	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>						
	98.8 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143046
Chloride	1200	20.0	1	10/21/21	10/21/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/22/2021 6:04:53PM

TP21-1

E110075-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>						
	98.6 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	661	20.0	1	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP21-2

E110075-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.4 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.8 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>	100 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	1180	40.0	2	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP21-3

E110075-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.5 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.9 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>	104 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	1130	20.0	1	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP21-4

E110075-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.8 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.9 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>	99.0 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	988	20.0	1	10/21/21	10/21/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
10/22/2021 6:04:53PM

TP21-6

E110075-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143045
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143044
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>						
	99.2 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143046
Chloride	586	20.0	1	10/21/21	10/21/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 10/22/2021 6:04:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP21-8

E110075-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.2 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2143045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.5 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2143044	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
<i>Surrogate: n-Nonane</i>	103 %	50-200		10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2143046	
Chloride	404	20.0	1	10/21/21	10/21/21	



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/2021 6:04:53PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143045-BLK1)

Prepared: 10/21/21 Analyzed: 10/21/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			

LCS (2143045-BS1)

Prepared: 10/21/21 Analyzed: 10/21/21

Benzene	5.06	0.0250	5.00		101	70-130			
Ethylbenzene	4.85	0.0250	5.00		97.1	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	4.99	0.0250	5.00		99.9	70-130			
p,m-Xylene	9.88	0.0500	10.0		98.8	70-130			
Total Xylenes	14.9	0.0250	15.0		99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.20		8.00		102	70-130			

LCS Dup (2143045-BSD1)

Prepared: 10/21/21 Analyzed: 10/21/21

Benzene	4.98	0.0250	5.00		99.5	70-130	1.73	20	
Ethylbenzene	4.77	0.0250	5.00		95.5	70-130	1.63	20	
Toluene	4.97	0.0250	5.00		99.5	70-130	1.80	20	
o-Xylene	4.92	0.0250	5.00		98.3	70-130	1.59	20	
p,m-Xylene	9.72	0.0500	10.0		97.2	70-130	1.59	20	
Total Xylenes	14.6	0.0250	15.0		97.6	70-130	1.59	20	
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/2021 6:04:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143045-BLK1)

Prepared: 10/21/21 Analyzed: 10/21/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

LCS (2143045-BS2)

Prepared: 10/21/21 Analyzed: 10/21/21

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

LCS Dup (2143045-BSD2)

Prepared: 10/21/21 Analyzed: 10/21/21

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130	2.96	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.7	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/2021 6:04:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143044-BLK1)

Prepared: 10/21/21 Analyzed: 10/21/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	50-200			

LCS (2143044-BS1)

Prepared: 10/21/21 Analyzed: 10/21/21

Diesel Range Organics (C10-C28)	548	25.0	500		110	38-132			
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.7	50-200			

LCS Dup (2143044-BSD1)

Prepared: 10/21/21 Analyzed: 10/21/21

Diesel Range Organics (C10-C28)	544	25.0	500		109	38-132	0.688	20	
Surrogate: <i>n</i> -Nonane	49.9		50.0		99.9	50-200			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/2021 6:04:53PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2143046-BLK1)

Prepared: 10/21/21 Analyzed: 10/21/21

Chloride ND 20.0

LCS (2143046-BS1)

Prepared: 10/21/21 Analyzed: 10/21/21

Chloride 241 20.0 250 96.5 90-110

LCS Dup (2143046-BSD1)

Prepared: 10/21/21 Analyzed: 10/21/21

Chloride 227 20.0 250 90.7 90-110 6.22 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/21 18:04

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

[illegible]



5795 US Highway 64, Farmington, NM 87401
Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
Ph (970) 259-0615 Fx (800) 362-1879

envirotech.com
laboratory@envirotech.com

Client:		Project:		Sampler:		Phone:		Email(s):		Project Manager:	
GHD		Gumbus Bog Federal #1		ZLV		(505) 377-4218		ZLV, Corinae @ GHD.com / Becky, Haskie @ GHD.com		Bob - Adverse @ ir.5matters.com	
RUSH?		1d		3d		5d		10d		20d	
Lab Use Only		Lab WO#		Job Number		Containers		QTY - Vol/TYPE/Preservative		Matrix	
PE110075		19084-0001		GRO/DRO by 8015 + MRO		BTEX by 8021		TPH by 418.1		Chloride by 300.0	
Analysis and Method		Lab Number		Correct Cont/Prsv (s) Y/N		Sample ID		Sample Date		Sample Time	
11		12		13		14		15		16	
17		18		19		20		21		22	
23		24		25		26		27		28	
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653		654		655		656		657		658	
659		660		661		662		663		664	
665		666		667		668		669		670	
671		672		673		674		675		676	
677		678		679		680		681		682	
683		684		685		686		687		688	
689		690		691		692		693		694	
695		696		697		698		699		700	
701		702		703		704		705		706	
707		708		709		710		711		712	
713		714		715		716		717		718	
719		720		721		722		723		724	
725		726		727		728		729		730	
731		732		733		734		735		736	
737		738		739		740		741		742	
743		744		745		746		747		748	
749		750		751		752		753		754	
755		756		757		758		759		760	
761		762		763		764		765		766	
767		768		769		770		771		772	
773		774		775		776		777		778	
779		780		781		782		783		784	
785		786		787		788		789		790	
791		792		793		794		795		796	
797		798		799		800		801		802	
803		804		805		806		807		808	
809		810		811		812		813		814	
815		816		817		818		819		820	
821		822		823		824		825		826	
827		828		829		830		831		832	
833		834		835		836		837		838	
839		840		841		842		843		844	
845		846		847		848		849		850	
851		852		853		854		855		856	
857		858		859		860		861		862	
863		864		865		866		867		868	
869		870		871		872		873		874	
875		876		877		878		879		880	
881		882		883		884		885		886	
887		888									

Envirotech Analytical Laboratory

Printed: 10/16/2021 12:53:58PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	10/16/21 11:15	Work Order ID:	E110075
Phone:	(505) 366-7420	Date Logged In:	10/16/21 12:48	Logged In By:	Alexa Michaels
Email:	zach.comino@ghd.com	Due Date:	10/22/21 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Zach Comino



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Gumby Bag Federal #1

Work Order: E112010

Job Number: 19034-0001

Received: 12/3/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/6/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/6/21

Zach Comino
6121 Indian School Rd. NE #200
Albuquerque, NM 87110



Project Name: Gumby Bag Federal #1
Workorder: E112010
Date Received: 12/3/2021 10:00:00AM

Zach Comino,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/3/2021 10:00:00AM, under the Project Name: Gumby Bag Federal #1.

The analytical test results summarized in this report with the Project Name: Gumby Bag Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/06/21 14:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP22-S	E112010-01A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP22-1	E112010-02A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP22-2	E112010-03A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP22-3	E112010-04A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP22-4	E112010-05A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP23-S	E112010-06A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP23-1	E112010-07A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP23-2	E112010-08A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP23-3	E112010-09A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP23-4	E112010-10A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/6/2021 2:52:51PM

TP22-S

E112010-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2149038
Benzene	ND	0.0250	1	12/03/21	12/03/21	
Ethylbenzene	ND	0.0250	1	12/03/21	12/03/21	
Toluene	ND	0.0250	1	12/03/21	12/03/21	
o-Xylene	ND	0.0250	1	12/03/21	12/03/21	
p,m-Xylene	ND	0.0500	1	12/03/21	12/03/21	
Total Xylenes	ND	0.0250	1	12/03/21	12/03/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.5 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2149038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.9 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2149043
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/21	12/03/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/21	12/03/21	
<i>Surrogate: n-Nonane</i>	102 %	50-200		12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2149042
Chloride	ND	20.0	1	12/03/21	12/03/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/6/2021 2:52:51PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP22-1

E112010-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Benzene	ND	0.0250	1	12/03/21	12/03/21	
Ethylbenzene	ND	0.0250	1	12/03/21	12/03/21	
Toluene	ND	0.0250	1	12/03/21	12/03/21	
o-Xylene	ND	0.0250	1	12/03/21	12/03/21	
p,m-Xylene	ND	0.0500	1	12/03/21	12/03/21	
Total Xylenes	ND	0.0250	1	12/03/21	12/03/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.7 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.1 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2149043	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/21	12/03/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/21	12/03/21	
<i>Surrogate: n-Nonane</i>	98.7 %	50-200		12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149042	
Chloride	ND	20.0	1	12/03/21	12/03/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/6/2021 2:52:51PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP22-2

E112010-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Benzene	ND	0.0250	1	12/03/21	12/03/21	
Ethylbenzene	ND	0.0250	1	12/03/21	12/03/21	
Toluene	ND	0.0250	1	12/03/21	12/03/21	
o-Xylene	ND	0.0250	1	12/03/21	12/03/21	
p,m-Xylene	ND	0.0500	1	12/03/21	12/03/21	
Total Xylenes	ND	0.0250	1	12/03/21	12/03/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.1 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.7 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2149043	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/21	12/03/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/21	12/03/21	
<i>Surrogate: n-Nonane</i>	107 %	50-200		12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149042	
Chloride	ND	20.0	1	12/03/21	12/03/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/6/2021 2:52:51PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP22-3

E112010-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Benzene	ND	0.0250	1	12/03/21	12/03/21	
Ethylbenzene	ND	0.0250	1	12/03/21	12/03/21	
Toluene	ND	0.0250	1	12/03/21	12/03/21	
o-Xylene	ND	0.0250	1	12/03/21	12/03/21	
p,m-Xylene	ND	0.0500	1	12/03/21	12/03/21	
Total Xylenes	ND	0.0250	1	12/03/21	12/03/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.4 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.2 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2149043	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/21	12/03/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/21	12/03/21	
<i>Surrogate: n-Nonane</i>	104 %	50-200		12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149042	
Chloride	ND	20.0	1	12/03/21	12/03/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/6/2021 2:52:51PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP22-4

E112010-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Benzene	ND	0.0250	1	12/03/21	12/03/21	
Ethylbenzene	ND	0.0250	1	12/03/21	12/03/21	
Toluene	ND	0.0250	1	12/03/21	12/03/21	
o-Xylene	ND	0.0250	1	12/03/21	12/03/21	
p,m-Xylene	ND	0.0500	1	12/03/21	12/03/21	
Total Xylenes	ND	0.0250	1	12/03/21	12/03/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.2 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.0 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2149043	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/21	12/03/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/21	12/03/21	
<i>Surrogate: n-Nonane</i>	105 %	50-200		12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149042	
Chloride	ND	20.0	1	12/03/21	12/03/21	



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Gumby Bag Federal #1 Project Number: 19034-0001 Project Manager: Zach Comino	Reported: 12/6/2021 2:52:51PM
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TP23-S

E112010-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Benzene	ND	0.0250	1	12/03/21	12/03/21	
Ethylbenzene	ND	0.0250	1	12/03/21	12/03/21	
Toluene	ND	0.0250	1	12/03/21	12/03/21	
o-Xylene	ND	0.0250	1	12/03/21	12/03/21	
p,m-Xylene	ND	0.0500	1	12/03/21	12/03/21	
Total Xylenes	ND	0.0250	1	12/03/21	12/03/21	
Surrogate: 4-Bromochlorobenzene-PID	97.5 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.7 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2149043	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/21	12/03/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/21	12/03/21	
Surrogate: n-Nonane	99.8 %	50-200		12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149042	
Chloride	ND	20.0	1	12/03/21	12/03/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/6/2021 2:52:51PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP23-1

E112010-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Benzene	ND	0.0250	1	12/03/21	12/03/21	
Ethylbenzene	ND	0.0250	1	12/03/21	12/03/21	
Toluene	ND	0.0250	1	12/03/21	12/03/21	
o-Xylene	ND	0.0250	1	12/03/21	12/03/21	
p,m-Xylene	ND	0.0500	1	12/03/21	12/03/21	
Total Xylenes	ND	0.0250	1	12/03/21	12/03/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.4 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.1 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2149043	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/21	12/03/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/21	12/03/21	
<i>Surrogate: n-Nonane</i>	105 %	50-200		12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149042	
Chloride	ND	20.0	1	12/03/21	12/03/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/6/2021 2:52:51PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP23-2

E112010-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Benzene	ND	0.0250	1	12/03/21	12/03/21	
Ethylbenzene	ND	0.0250	1	12/03/21	12/03/21	
Toluene	ND	0.0250	1	12/03/21	12/03/21	
o-Xylene	ND	0.0250	1	12/03/21	12/03/21	
p,m-Xylene	ND	0.0500	1	12/03/21	12/03/21	
Total Xylenes	ND	0.0250	1	12/03/21	12/03/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.5 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	107 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2149043	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/21	12/03/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/21	12/03/21	
<i>Surrogate: n-Nonane</i>	104 %	50-200		12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149042	
Chloride	ND	20.0	1	12/03/21	12/03/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/6/2021 2:52:51PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP23-3

E112010-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Benzene	ND	0.0250	1	12/03/21	12/03/21	
Ethylbenzene	ND	0.0250	1	12/03/21	12/03/21	
Toluene	ND	0.0250	1	12/03/21	12/03/21	
o-Xylene	ND	0.0250	1	12/03/21	12/03/21	
p,m-Xylene	ND	0.0500	1	12/03/21	12/03/21	
Total Xylenes	ND	0.0250	1	12/03/21	12/03/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.8 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2149038	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	108 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2149043	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/21	12/03/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/21	12/03/21	
<i>Surrogate: n-Nonane</i>	106 %	50-200		12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149042	
Chloride	ND	20.0	1	12/03/21	12/03/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
12/6/2021 2:52:51PM

TP23-4

E112010-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2149038
Benzene	ND	0.0250	1	12/03/21	12/03/21	
Ethylbenzene	ND	0.0250	1	12/03/21	12/03/21	
Toluene	ND	0.0250	1	12/03/21	12/03/21	
o-Xylene	ND	0.0250	1	12/03/21	12/03/21	
p,m-Xylene	ND	0.0500	1	12/03/21	12/03/21	
Total Xylenes	ND	0.0250	1	12/03/21	12/03/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2149038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2149043
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/21	12/03/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/21	12/03/21	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		12/03/21	12/03/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2149042
Chloride	ND	20.0	1	12/03/21	12/03/21	



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/6/2021 2:52:51PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2149038-BLK1)

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.7	70-130			

LCS (2149038-BS1)

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	4.98	0.0250	5.00		99.5	70-130			
Ethylbenzene	5.12	0.0250	5.00		102	70-130			
Toluene	5.29	0.0250	5.00		106	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.8	70-130			

Matrix Spike (2149038-MS1)

Source: E112007-01

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	4.91	0.0250	5.00	ND	98.2	54-133			
Ethylbenzene	5.05	0.0250	5.00	ND	101	61-133			
Toluene	5.22	0.0250	5.00	ND	104	61-130			
o-Xylene	4.97	0.0250	5.00	ND	99.3	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			

Matrix Spike Dup (2149038-MSD1)

Source: E112007-01

Prepared: 12/02/21 Analyzed: 12/03/21

Benzene	4.87	0.0250	5.00	ND	97.4	54-133	0.850	20	
Ethylbenzene	5.01	0.0250	5.00	ND	100	61-133	0.757	20	
Toluene	5.20	0.0250	5.00	ND	104	61-130	0.436	20	
o-Xylene	4.94	0.0250	5.00	ND	98.8	63-131	0.533	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	0.842	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	0.741	20	
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.8	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/6/2021 2:52:51PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2149038-BLK1)

Prepared: 12/02/21 Analyzed: 12/03/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.20		8.00		102	70-130			

LCS (2149038-BS2)

Prepared: 12/02/21 Analyzed: 12/03/21

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.40		8.00		105	70-130			

Matrix Spike (2149038-MS2)

Source: E112007-01

Prepared: 12/02/21 Analyzed: 12/03/21

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	95.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		8.00		107	70-130			

Matrix Spike Dup (2149038-MSD2)

Source: E112007-01

Prepared: 12/02/21 Analyzed: 12/03/21

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.7	70-130	0.809	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.53		8.00		107	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/6/2021 2:52:51PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2149043-BLK1)

Prepared: 12/03/21 Analyzed: 12/03/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.7		50.0		105	50-200			

LCS (2149043-BS1)

Prepared: 12/03/21 Analyzed: 12/03/21

Diesel Range Organics (C10-C28)	534	25.0	500		107	38-132			
Surrogate: n-Nonane	40.8		50.0		81.6	50-200			

Matrix Spike (2149043-MS1)

Source: E112010-06

Prepared: 12/03/21 Analyzed: 12/03/21

Diesel Range Organics (C10-C28)	537	25.0	500	ND	107	38-132			
Surrogate: n-Nonane	35.6		50.0		71.2	50-200			

Matrix Spike Dup (2149043-MSD1)

Source: E112010-06

Prepared: 12/03/21 Analyzed: 12/03/21

Diesel Range Organics (C10-C28)	514	25.0	500	ND	103	38-132	4.36	20	
Surrogate: n-Nonane	51.1		50.0		102	50-200			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/6/2021 2:52:51PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2149042-BLK1)

Prepared: 12/03/21 Analyzed: 12/03/21

Chloride ND 20.0

LCS (2149042-BS1)

Prepared: 12/03/21 Analyzed: 12/03/21

Chloride 246 20.0 250 98.4 90-110

LCS Dup (2149042-BSD1)

Prepared: 12/03/21 Analyzed: 12/03/21

Chloride 247 20.0 250 98.6 90-110 0.199 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/06/21 14:52

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: GHD
 Project: Gumbly BAG Federal #1
 Sampler: Zach Comino
 Phone: (505) 371-4218
 Email(s): Zach.Comino@GHD.com / Becky.Haskell@GHD.com
 Project Manager: Matthew Laughlin@GHD.com / Bob Asher@GHD.com

Same Day
 RUSH?
☒ 1d
☐ 3d

Lab Use Only		Analysis and Method				Lab Only	
Lab WO#							
Job Number							
PE112000							
19034-0001							

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTX by 8021	TPH by 418.1	Chloride by 300.0	Lab Number	Correct Cont/Prsrvt
TP22-S	12/2/21	0800	S		X	X	X		1	
TP22-1		0805							2	
TP22-2		0810							3	
TP22-3		0815							4	
TP22-4		0820							5	
TP23-S		0825							6	
TP23-1		0830							7	
TP23-2		0835							8	
TP23-3		0840							9	
TP23-4		0845							10	

Relinquished by: (Signature) <u>Zach Comino</u>	Date 12/2/21	Time 1330	Received by: (Signature) <u>Bob Asher</u>	Date 12-2-21	Time 1415	Lab Use Only	
Relinquished by: (Signature) <u>Bob Asher</u>	Date 12-2-21	Time 1650	Received by: (Signature) <u>Bob Asher</u>	Date 12/3/21	Time 10:00	**Received on Ice <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

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

Chain of Custody

Notes/Billing info:

Bob Asher "EOG"



5796 US Highway 64, Farmington, NM 87401
 Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
 Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
 laboratory@envirotech-inc.com

Envirotech Analytical Laboratory

Printed: 12/3/2021 10:33:14AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	12/03/21 10:00	Work Order ID:	E112010
Phone:	(505) 366-7420	Date Logged In:	12/03/21 10:27	Logged In By:	Alexa Michaels
Email:	zach.comino@ghd.com	Due Date:	12/03/21 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Fedex**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Zach Comino



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Gumby Bag Federal #1

Work Order: E112017

Job Number: 19034-0001

Received: 12/3/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/9/21

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 12/9/21

Zach Comino
6121 Indian School Rd. NE #200
Albuquerque, NM 87110



Project Name: Gumby Bag Federal #1
Workorder: E112017
Date Received: 12/3/2021 12:30:00PM

Zach Comino,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/3/2021 12:30:00PM, under the Project Name: Gumby Bag Federal #1.

The analytical test results summarized in this report with the Project Name: Gumby Bag Federal #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/09/21 15:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP24-S	E112017-01A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP24-1	E112017-02A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP24-2	E112017-03A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP24-3	E112017-04A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP24-4	E112017-05A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP25-S	E112017-06A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP25-1	E112017-07A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP25-2	E112017-08A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP25-3	E112017-09A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP25-4	E112017-10A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP25-5	E112017-11A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP26-S	E112017-12A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP26-1	E112017-13A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP26-2	E112017-14A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP26-3	E112017-15A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP26-4	E112017-16A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP27-S	E112017-17A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP27-1	E112017-18A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP27-2	E112017-19A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP27-3	E112017-20A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP27-4	E112017-21A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP16-5	E112017-22A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP16-7	E112017-23A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.
TP16-8	E112017-24A	Soil	12/02/21	12/03/21	Glass Jar, 4 oz.



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

TP24-S

E112017-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/07/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/07/21	
Toluene	ND	0.0250	1	12/06/21	12/07/21	
o-Xylene	ND	0.0250	1	12/06/21	12/07/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/07/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.1 %	70-130		12/06/21	12/07/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.0 %	70-130		12/06/21	12/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	287	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	606	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>	106 %	50-200		12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	ND	20.0	1	12/06/21	12/06/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP24-1

E112017-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/07/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/07/21	
Toluene	ND	0.0250	1	12/06/21	12/07/21	
o-Xylene	ND	0.0250	1	12/06/21	12/07/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/07/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.6 %	70-130		12/06/21	12/07/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.7 %	70-130		12/06/21	12/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>	120 %	50-200		12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	ND	20.0	1	12/06/21	12/06/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP24-2

E112017-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/07/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/07/21	
Toluene	ND	0.0250	1	12/06/21	12/07/21	
o-Xylene	ND	0.0250	1	12/06/21	12/07/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/07/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/07/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.1 %	70-130		12/06/21	12/07/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/07/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.7 %	70-130		12/06/21	12/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>	112 %	50-200		12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	ND	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP24-3

E112017-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.4 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.3 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>	109 %	50-200		12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	ND	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP24-4

E112017-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>		113 %	50-200	12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	20.8	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP25-S

E112017-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.5 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>		113 %	50-200	12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	2840	40.0	2	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP25-1

E112017-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.4 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.0 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>	114 %	50-200		12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	1530	20.0	1	12/06/21	12/07/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
12/9/2021 3:47:27PM

TP25-2

E112017-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2150008
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.4 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2150012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		12/06/21	12/07/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2150006
Chloride	1830	40.0	2	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP25-3

E112017-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>96.3 %</i>	<i>70-130</i>		<i>12/06/21</i>	<i>12/08/21</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>95.9 %</i>	<i>70-130</i>		<i>12/06/21</i>	<i>12/08/21</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>	<i>113 %</i>	<i>50-200</i>		<i>12/06/21</i>	<i>12/07/21</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	1370	20.0	1	12/06/21	12/07/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
12/9/2021 3:47:27PM

TP25-4

E112017-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2150008
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2150012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		12/06/21	12/07/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2150006
Chloride	1740	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP25-5

E112017-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.5 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.3 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/07/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/07/21	
<i>Surrogate: n-Nonane</i>	114 %	50-200		12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	563	20.0	1	12/06/21	12/07/21	



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: Gumby Bag Federal #1 Project Number: 19034-0001 Project Manager: Zach Comino	Reported: 12/9/2021 3:47:27PM
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TP26-S

E112017-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.2 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.9 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>	115 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	353	20.0	1	12/06/21	12/07/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
12/9/2021 3:47:27PM

TP26-1

E112017-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2150008
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2150012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2150006
Chloride	344	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP26-2

E112017-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.4 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.9 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>	116 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	760	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP26-3

E112017-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.0 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.0 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>	120 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	461	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP26-4

E112017-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.0 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.7 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>	115 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	517	20.0	1	12/06/21	12/07/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
12/9/2021 3:47:27PM

TP27-S

E112017-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2150008
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.4 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2150012
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2150006
Chloride	318	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP27-1

E112017-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.2 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.7 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>	116 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	369	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP27-2

E112017-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.2 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.9 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>	115 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	418	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP27-3

E112017-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Benzene	ND	0.0250	1	12/06/21	12/08/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/08/21	
Toluene	ND	0.0250	1	12/06/21	12/08/21	
o-Xylene	ND	0.0250	1	12/06/21	12/08/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.5 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.8 %	70-130		12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150012	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>	113 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2150006	
Chloride	378	20.0	1	12/06/21	12/07/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP27-4

E112017-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150009	
Benzene	ND	0.0250	1	12/06/21	12/06/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/06/21	
Toluene	ND	0.0250	1	12/06/21	12/06/21	
o-Xylene	ND	0.0250	1	12/06/21	12/06/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/06/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/06/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.4 %	70-130		12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/06/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	103 %	70-130		12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150011	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>	111 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149052	
Chloride	459	20.0	1	12/06/21	12/06/21	



Sample Data

GHD
6121 Indian School Rd. NE #200
Albuquerque NM, 87110

Project Name: Gumby Bag Federal #1
Project Number: 19034-0001
Project Manager: Zach Comino

Reported:
12/9/2021 3:47:27PM

TP16-5

E112017-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2150009
Benzene	ND	0.0250	1	12/06/21	12/06/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/06/21	
Toluene	ND	0.0250	1	12/06/21	12/06/21	
o-Xylene	ND	0.0250	1	12/06/21	12/06/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/06/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/06/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2150009
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/06/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2150011
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2149052
Chloride	765	20.0	1	12/06/21	12/06/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP16-7

E112017-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150009	
Benzene	ND	0.0250	1	12/06/21	12/06/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/06/21	
Toluene	ND	0.0250	1	12/06/21	12/06/21	
o-Xylene	ND	0.0250	1	12/06/21	12/06/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/06/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/06/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.0 %	70-130		12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/06/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	104 %	70-130		12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150011	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>	113 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149052	
Chloride	645	20.0	1	12/06/21	12/06/21	



Sample Data

GHD	Project Name:	Gumby Bag Federal #1	Reported: 12/9/2021 3:47:27PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	

TP16-8

E112017-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2150009	
Benzene	ND	0.0250	1	12/06/21	12/06/21	
Ethylbenzene	ND	0.0250	1	12/06/21	12/06/21	
Toluene	ND	0.0250	1	12/06/21	12/06/21	
o-Xylene	ND	0.0250	1	12/06/21	12/06/21	
p,m-Xylene	ND	0.0500	1	12/06/21	12/06/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/06/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.5 %	70-130		12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2150009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/06/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	105 %	70-130		12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2150011	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/21	12/08/21	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/21	12/08/21	
<i>Surrogate: n-Nonane</i>	110 %	50-200		12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2149052	
Chloride	669	20.0	1	12/06/21	12/06/21	



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2150008-BLK1)

Prepared: 12/06/21 Analyzed: 12/07/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.4	70-130			

LCS (2150008-BS1)

Prepared: 12/06/21 Analyzed: 12/07/21

Benzene	4.85	0.0250	5.00		97.1	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.1	70-130			
Toluene	4.93	0.0250	5.00		98.6	70-130			
o-Xylene	4.86	0.0250	5.00		97.3	70-130			
p,m-Xylene	9.66	0.0500	10.0		96.6	70-130			
Total Xylenes	14.5	0.0250	15.0		96.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.8	70-130			

Matrix Spike (2150008-MS1)

Source: E112017-01

Prepared: 12/06/21 Analyzed: 12/07/21

Benzene	4.89	0.0250	5.00	ND	97.8	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	61-133			
Toluene	4.98	0.0250	5.00	ND	99.6	61-130			
o-Xylene	4.93	0.0250	5.00	ND	98.5	63-131			
p,m-Xylene	9.76	0.0500	10.0	ND	97.6	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		98.9	70-130			

Matrix Spike Dup (2150008-MSD1)

Source: E112017-01

Prepared: 12/06/21 Analyzed: 12/07/21

Benzene	4.95	0.0250	5.00	ND	99.0	54-133	1.24	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.5	61-133	1.40	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	1.02	20	
o-Xylene	4.97	0.0250	5.00	ND	99.4	63-131	0.874	20	
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	63-131	1.43	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.1	63-131	1.24	20	
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2150009-BLK1)

Prepared: 12/06/21 Analyzed: 12/06/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.98		8.00		87.3	70-130			

LCS (2150009-BS1)

Prepared: 12/06/21 Analyzed: 12/06/21

Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
Toluene	5.33	0.0250	5.00		107	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			

Matrix Spike (2150009-MS1)

Source: E112017-21

Prepared: 12/06/21 Analyzed: 12/06/21

Benzene	4.94	0.0250	5.00	ND	98.7	54-133			
Ethylbenzene	5.07	0.0250	5.00	ND	101	61-133			
Toluene	5.24	0.0250	5.00	ND	105	61-130			
o-Xylene	5.00	0.0250	5.00	ND	99.9	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			

Matrix Spike Dup (2150009-MSD1)

Source: E112017-21

Prepared: 12/06/21 Analyzed: 12/06/21

Benzene	4.80	0.0250	5.00	ND	96.1	54-133	2.74	20	
Ethylbenzene	4.93	0.0250	5.00	ND	98.7	61-133	2.71	20	
Toluene	5.10	0.0250	5.00	ND	102	61-130	2.73	20	
o-Xylene	4.86	0.0250	5.00	ND	97.3	63-131	2.68	20	
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	2.74	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.1	63-131	2.72	20	
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2150008-BLK1)

Prepared: 12/06/21 Analyzed: 12/07/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.1	70-130			

LCS (2150008-BS2)

Prepared: 12/06/21 Analyzed: 12/07/21

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.3	70-130			

Matrix Spike (2150008-MS2)

Source: E112017-01

Prepared: 12/06/21 Analyzed: 12/07/21

Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.7	70-130			

Matrix Spike Dup (2150008-MSD2)

Source: E112017-01

Prepared: 12/06/21 Analyzed: 12/07/21

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130	0.181	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2150009-BLK1)

Prepared: 12/06/21 Analyzed: 12/06/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		8.00		105	70-130			

LCS (2150009-BS2)

Prepared: 12/06/21 Analyzed: 12/06/21

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.42		8.00		105	70-130			

Matrix Spike (2150009-MS2)

Source: E112017-21

Prepared: 12/06/21 Analyzed: 12/06/21

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.29		8.00		104	70-130			

Matrix Spike Dup (2150009-MSD2)

Source: E112017-21

Prepared: 12/06/21 Analyzed: 12/06/21

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	1.41	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.39		8.00		105	70-130			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2150011-BLK1)

Prepared: 12/06/21 Analyzed: 12/07/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	55.6		50.0		111	50-200			

LCS (2150011-BS1)

Prepared: 12/06/21 Analyzed: 12/07/21

Diesel Range Organics (C10-C28)	547	25.0	500		109	38-132			
Surrogate: <i>n</i> -Nonane	56.3		50.0		113	50-200			

Matrix Spike (2150011-MS1)

Source: E112017-24

Prepared: 12/06/21 Analyzed: 12/08/21

Diesel Range Organics (C10-C28)	569	25.0	500	ND	114	38-132			
Surrogate: <i>n</i> -Nonane	48.6		50.0		97.2	50-200			

Matrix Spike Dup (2150011-MSD1)

Source: E112017-24

Prepared: 12/06/21 Analyzed: 12/08/21

Diesel Range Organics (C10-C28)	569	25.0	500	ND	114	38-132	0.00494	20	
Surrogate: <i>n</i> -Nonane	51.0		50.0		102	50-200			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2150012-BLK1)

Prepared: 12/06/21 Analyzed: 12/07/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	64.9		50.0		130	50-200			

LCS (2150012-BS1)

Prepared: 12/06/21 Analyzed: 12/07/21

Diesel Range Organics (C10-C28)	521	25.0	500		104	38-132			
Surrogate: <i>n</i> -Nonane	52.6		50.0		105	50-200			

Matrix Spike (2150012-MS1)

Source: E112017-04

Prepared: 12/06/21 Analyzed: 12/07/21

Diesel Range Organics (C10-C28)	558	25.0	500	ND	112	38-132			
Surrogate: <i>n</i> -Nonane	57.5		50.0		115	50-200			

Matrix Spike Dup (2150012-MSD1)

Source: E112017-04

Prepared: 12/06/21 Analyzed: 12/07/21

Diesel Range Organics (C10-C28)	546	25.0	500	ND	109	38-132	2.02	20	
Surrogate: <i>n</i> -Nonane	55.7		50.0		111	50-200			



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2149052-BLK1)

Prepared: 12/06/21 Analyzed: 12/06/21

Chloride ND 20.0

LCS (2149052-BS1)

Prepared: 12/06/21 Analyzed: 12/06/21

Chloride 246 20.0 250 98.4 90-110

Matrix Spike (2149052-MS1)

Source: E112013-01

Prepared: 12/06/21 Analyzed: 12/06/21

Chloride 453 20.0 250 127 131 80-120 M1

Matrix Spike Dup (2149052-MSD1)

Source: E112013-01

Prepared: 12/06/21 Analyzed: 12/06/21

Chloride 424 20.0 250 127 119 80-120 6.79 20



QC Summary Data

GHD	Project Name:	Gumby Bag Federal #1	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2150006-BLK1)

Prepared: 12/06/21 Analyzed: 12/06/21

Chloride ND 20.0

LCS (2150006-BS1)

Prepared: 12/06/21 Analyzed: 12/06/21

Chloride 253 20.0 250 101 90-110

Matrix Spike (2150006-MS1)

Source: E112017-01

Prepared: 12/06/21 Analyzed: 12/06/21

Chloride 257 20.0 250 ND 103 80-120

Matrix Spike Dup (2150006-MSD1)

Source: E112017-01

Prepared: 12/06/21 Analyzed: 12/06/21

Chloride 257 20.0 250 ND 103 80-120 0.260 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

GHD	Project Name:	Gumby Bag Federal #1	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/09/21 15:47

- M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: GHD
 Project: Gumbo BAG Federal #1
 Sampler: Zach Comino
 Phone: (505) 571-4218
 Email(s): Zach.Comino@GHD.com / Becky.Haskell@GHD.com
 Project Manager: Matthew Layhlin@GHD.com / Bob Asher@ecyresources.com

Standard 5-day

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method						Lab Only	
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0			Lab Number	Correct Cont/Prsrv (s) Y/N
Job Number									
PE112017									
19034-0001									

205682

Page 1 of 3

Sample ID	Sample Date	Sample Time	Matrix	Containers	QTY - Vol/TYPE/Preservative													
TP24-S	12/2/21	0900	S															1
TP24-1		0905																2
TP24-2		0910																3
TP24-3		0915																4
TP24-4		0920																5
TP25-S		0930																6
TP25-1		0935																7
TP25-2		0940																8
TP25-3		0945																9
TP25-4		0950																10

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only		
<i>Zach Comino</i>	12/2/21	1330	<i>Bob Asher</i>	12-2-21	1415	**Received on Ice <input checked="" type="checkbox"/> Y / N		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1	T2	T3
<i>Zach Comino</i>	12-2-21	1650	<i>Bob Asher</i>	12/3/21	12:30	AVG Temp °C	4	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

* Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

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

Chain of Custody

Notes/Billing info:

Bob Asher "EOG"



5796 US Highway 64, Farmington, NM 87401
 Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
 Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
 laboratory.envirotech-inc.com

Standard 5-day

Client: GHD
 Project: Gumbo BAG Federal #1
 Sampler: Zach Comino
 Phone: (505) 371-4218
 Email(s): Zach.Comino@GHD.com / Becky.Haskell@GHD.com
 Project Manager: Matthew Laughlin@GHD.com / Bob Asher@ecogre.com

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method										Lab Only	
Lab WO#												N/A (s) / Correct Cont/Prsrv	
Job Number												Lab Number	
PE112017												11	
19034-0001												12	
												13	
												14	
												15	
												16	
												17	
												18	
												19	
												20	

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative
TP25-S	12/2/21	1000	S	
TP26-S		1005		
TP26-1		1010		
TP26-2		1015		
TP26-3		1020		
TP26-4		1025		
TP27-S		1030		
TP27-1		1035		
TP27-2		1040		
TP27-3		1045		

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only		
<i>Zach Comino</i>	12/2/21	1330	<i>Bob Asher</i>	12-2-21	1415	**Received on Ice Y / N		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1	T2	T3
<i>Matthew Laughlin</i>	12-2-21	1650	<i>Bob Asher</i>	12/3/21	12:30		4	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

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

Chain of Custody

Notes/Billing info:

Bob Asher "EOG"



5796 US Highway 64, Farmington, NM 87401
 Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865
 Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
 laboratory@envirotech-inc.com

Standard 5-day ☒ RUSH? ☐

19034-0001

Correct Cont/Prsrv (s) Y/N

10	11
----	----

1140

Bob Asher "EOG"



Envirotech Analytical Laboratory

Printed: 12/3/2021 12:47:51PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	GHD	Date Received:	12/03/21 12:30	Work Order ID:	E112017
Phone:	(505) 366-7420	Date Logged In:	12/03/21 12:40	Logged In By:	Alexa Michaels
Email:	zach.comino@ghd.com	Due Date:	12/10/21 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Fedex**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



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

April 04, 2022

Becky Haskell
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Gumby BAG Federal 1

OrderNo.: 2203C85

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/24/2022 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 #NM0901

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

Analytical Report

Lab Order 2203C85

Date Reported: 4/4/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-1

Project: Gumby BAG Federal 1

Collection Date: 3/22/2022 2:10:00 PM

Lab ID: 2203C85-001

Matrix: SOIL

Received Date: 3/24/2022 7:30:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	560	60		mg/Kg	20	3/30/2022 5:05:31 PM	66498
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/25/2022 2:23:56 PM	66391
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/25/2022 2:23:56 PM	66391
Surr: DNOP	82.9	51.1-141		%Rec	1	3/25/2022 2:23:56 PM	66391
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/25/2022 6:06:52 PM	66386
Surr: BFB	103	37.7-212		%Rec	1	3/25/2022 6:06:52 PM	66386
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	3/25/2022 6:06:52 PM	66386
Toluene	ND	0.047		mg/Kg	1	3/25/2022 6:06:52 PM	66386
Ethylbenzene	ND	0.047		mg/Kg	1	3/25/2022 6:06:52 PM	66386
Xylenes, Total	ND	0.094		mg/Kg	1	3/25/2022 6:06:52 PM	66386
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	3/25/2022 6:06:52 PM	66386

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 1 of 5

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203C85

04-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66498	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66498	RunNo: 86869								
Prep Date: 3/30/2022	Analysis Date: 3/30/2022	SeqNo: 3068829	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66498	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66498	RunNo: 86869								
Prep Date: 3/30/2022	Analysis Date: 3/30/2022	SeqNo: 3068830	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.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203C85

04-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: LCS-66391	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 66391		RunNo: 86774							
Prep Date: 3/24/2022	Analysis Date: 3/25/2022		SeqNo: 3064236		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.0	68.9	135			
Surr: DNOP	4.1		5.000		82.2	51.1	141			

Sample ID: MB-66391	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 66391		RunNo: 86774							
Prep Date: 3/24/2022	Analysis Date: 3/25/2022		SeqNo: 3064238		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	9.4		10.00		93.6	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203C85

04-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: mb-66386	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 66386	RunNo: 86765								
Prep Date: 3/24/2022	Analysis Date: 3/25/2022	SeqNo: 3063856	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	1100		1000		107	37.7	212			

Sample ID: lcs-66386	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 66386	RunNo: 86765								
Prep Date: 3/24/2022	Analysis Date: 3/25/2022	SeqNo: 3063857	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137			
Surr: BFB	2200		1000		224	37.7	212			S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203C85

04-Apr-22

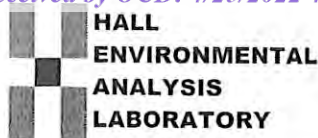
Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: mb-66386	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66386	RunNo: 86765								
Prep Date: 3/24/2022	Analysis Date: 3/25/2022	SeqNo: 3063914	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	0.98		1.000		98.4	70	130			

Sample ID: LCS-66386	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66386	RunNo: 86765								
Prep Date: 3/24/2022	Analysis Date: 3/25/2022	SeqNo: 3063915	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	1.000	0	83.4	80	120			
Toluene	0.90	0.050	1.000	0	89.7	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.7	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.3	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		



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: GHD Midland

Work Order Number: 2203C85

RcptNo: 1

Received By: Cheyenne Cason 3/24/2022 7:30:00 AM

Completed By: Desiree Dominguez 3/24/2022 9:28:49 AM

Reviewed By: *CM* 3/24/22*Chul**DP2*

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 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) properly 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 ☒10. Were any sample containers received broken? Yes ☐ No ☒11. Does paperwork match bottle labels? Yes ☒ No ☐

(Note discrepancies on chain of custody)

12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐13. Is it clear what analyses were requested? Yes ☒ No ☐14. 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: 3/24/22 *ime*

Special Handling (if applicable)

15. 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: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good				



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

April 11, 2022

Tom Larson
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX

RE: Gumby BAG Federal 1

OrderNo.: 2203F74

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 30 sample(s) on 3/30/2022 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 #NM0901

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

Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-2

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 8:00:00 AM

Lab ID: 2203F74-001

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	330	60		mg/Kg	20	4/6/2022 4:19:44 PM	66638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/4/2022 3:22:14 PM	66523
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/4/2022 3:22:14 PM	66523
Surr: DNOP	115	51.1-141		%Rec	1	4/4/2022 3:22:14 PM	66523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 5:05:00 AM	66508
Surr: BFB	105	37.7-212		%Rec	1	4/2/2022 5:05:00 AM	66508
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	4/2/2022 5:05:00 AM	66508
Toluene	ND	0.048		mg/Kg	1	4/2/2022 5:05:00 AM	66508
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 5:05:00 AM	66508
Xylenes, Total	ND	0.095		mg/Kg	1	4/2/2022 5:05:00 AM	66508
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	4/2/2022 5:05:00 AM	66508

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-3

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 8:05:00 AM

Lab ID: 2203F74-002

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	320	60		mg/Kg	20	4/6/2022 4:32:10 PM	66638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	4/4/2022 3:46:17 PM	66523
Motor Oil Range Organics (MRO)	ND	43		mg/Kg	1	4/4/2022 3:46:17 PM	66523
Surr: DNOP	98.1	51.1-141		%Rec	1	4/4/2022 3:46:17 PM	66523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/2/2022 5:24:00 AM	66508
Surr: BFB	98.8	37.7-212		%Rec	1	4/2/2022 5:24:00 AM	66508
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	4/2/2022 5:24:00 AM	66508
Toluene	ND	0.050		mg/Kg	1	4/2/2022 5:24:00 AM	66508
Ethylbenzene	ND	0.050		mg/Kg	1	4/2/2022 5:24:00 AM	66508
Xylenes, Total	ND	0.099		mg/Kg	1	4/2/2022 5:24:00 AM	66508
Surr: 4-Bromofluorobenzene	83.3	70-130		%Rec	1	4/2/2022 5:24:00 AM	66508

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-4

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 8:10:00 AM

Lab ID: 2203F74-003

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	310	60		mg/Kg	20	4/6/2022 4:44:34 PM	66638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	4/4/2022 4:10:18 PM	66523
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/4/2022 4:10:18 PM	66523
Surr: DNOP	108	51.1-141		%Rec	1	4/4/2022 4:10:18 PM	66523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 5:44:00 AM	66508
Surr: BFB	99.4	37.7-212		%Rec	1	4/2/2022 5:44:00 AM	66508
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	4/2/2022 5:44:00 AM	66508
Toluene	ND	0.049		mg/Kg	1	4/2/2022 5:44:00 AM	66508
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 5:44:00 AM	66508
Xylenes, Total	ND	0.099		mg/Kg	1	4/2/2022 5:44:00 AM	66508
Surr: 4-Bromofluorobenzene	84.7	70-130		%Rec	1	4/2/2022 5:44:00 AM	66508

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-5

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 8:15:00 AM

Lab ID: 2203F74-004

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	86	60		mg/Kg	20	4/6/2022 4:56:58 PM	66638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/4/2022 4:34:24 PM	66523
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/4/2022 4:34:24 PM	66523
Surr: DNOP	88.0	51.1-141		%Rec	1	4/4/2022 4:34:24 PM	66523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/2/2022 6:04:00 AM	66508
Surr: BFB	96.8	37.7-212		%Rec	1	4/2/2022 6:04:00 AM	66508
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	4/2/2022 6:04:00 AM	66508
Toluene	ND	0.046		mg/Kg	1	4/2/2022 6:04:00 AM	66508
Ethylbenzene	ND	0.046		mg/Kg	1	4/2/2022 6:04:00 AM	66508
Xylenes, Total	ND	0.093		mg/Kg	1	4/2/2022 6:04:00 AM	66508
Surr: 4-Bromofluorobenzene	82.2	70-130		%Rec	1	4/2/2022 6:04:00 AM	66508

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-6

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 8:20:00 AM

Lab ID: 2203F74-005

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	280	60		mg/Kg	20	4/5/2022 9:41:42 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/4/2022 4:58:28 PM	66523
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 4:58:28 PM	66523
Surr: DNOP	104	51.1-141		%Rec	1	4/4/2022 4:58:28 PM	66523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/2/2022 6:24:00 AM	66508
Surr: BFB	97.8	37.7-212		%Rec	1	4/2/2022 6:24:00 AM	66508
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	4/2/2022 6:24:00 AM	66508
Toluene	ND	0.050		mg/Kg	1	4/2/2022 6:24:00 AM	66508
Ethylbenzene	ND	0.050		mg/Kg	1	4/2/2022 6:24:00 AM	66508
Xylenes, Total	ND	0.10		mg/Kg	1	4/2/2022 6:24:00 AM	66508
Surr: 4-Bromofluorobenzene	81.1	70-130		%Rec	1	4/2/2022 6:24:00 AM	66508

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-7

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 8:25:00 AM

Lab ID: 2203F74-006

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	260	60		mg/Kg	20	4/5/2022 9:54:06 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/4/2022 5:22:32 PM	66523
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/4/2022 5:22:32 PM	66523
Surr: DNOP	110	51.1-141		%Rec	1	4/4/2022 5:22:32 PM	66523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 6:43:00 AM	66508
Surr: BFB	98.6	37.7-212		%Rec	1	4/2/2022 6:43:00 AM	66508
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	4/2/2022 6:43:00 AM	66508
Toluene	ND	0.048		mg/Kg	1	4/2/2022 6:43:00 AM	66508
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 6:43:00 AM	66508
Xylenes, Total	ND	0.096		mg/Kg	1	4/2/2022 6:43:00 AM	66508
Surr: 4-Bromofluorobenzene	81.0	70-130		%Rec	1	4/2/2022 6:43:00 AM	66508

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-8

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 8:30:00 AM

Lab ID: 2203F74-007

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	430	60		mg/Kg	20	4/5/2022 10:06:31 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/4/2022 5:46:41 PM	66523
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 5:46:41 PM	66523
Surr: DNOP	104	51.1-141		%Rec	1	4/4/2022 5:46:41 PM	66523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/2/2022 7:03:00 AM	66508
Surr: BFB	99.1	37.7-212		%Rec	1	4/2/2022 7:03:00 AM	66508
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	4/2/2022 7:03:00 AM	66508
Toluene	ND	0.050		mg/Kg	1	4/2/2022 7:03:00 AM	66508
Ethylbenzene	ND	0.050		mg/Kg	1	4/2/2022 7:03:00 AM	66508
Xylenes, Total	ND	0.099		mg/Kg	1	4/2/2022 7:03:00 AM	66508
Surr: 4-Bromofluorobenzene	81.0	70-130		%Rec	1	4/2/2022 7:03:00 AM	66508

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-9

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 8:35:00 AM

Lab ID: 2203F74-008

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	120	60		mg/Kg	20	4/5/2022 10:18:56 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/4/2022 6:10:58 PM	66523
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/4/2022 6:10:58 PM	66523
Surr: DNOP	83.6	51.1-141		%Rec	1	4/4/2022 6:10:58 PM	66523
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 7:23:00 AM	66508
Surr: BFB	97.5	37.7-212		%Rec	1	4/2/2022 7:23:00 AM	66508
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	4/2/2022 7:23:00 AM	66508
Toluene	ND	0.048		mg/Kg	1	4/2/2022 7:23:00 AM	66508
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 7:23:00 AM	66508
Xylenes, Total	ND	0.096		mg/Kg	1	4/2/2022 7:23:00 AM	66508
Surr: 4-Bromofluorobenzene	81.6	70-130		%Rec	1	4/2/2022 7:23:00 AM	66508

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-10

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 8:40:00 AM

Lab ID: 2203F74-009

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	320	61		mg/Kg	20	4/5/2022 10:31:21 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/2/2022 1:01:38 PM	66524
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/2/2022 1:01:38 PM	66524
Surr: DNOP	99.5	51.1-141		%Rec	1	4/2/2022 1:01:38 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/2/2022 3:40:32 PM	66513
Surr: BFB	96.1	37.7-212		%Rec	1	4/2/2022 3:40:32 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 3:40:32 PM	66513
Toluene	ND	0.047		mg/Kg	1	4/2/2022 3:40:32 PM	66513
Ethylbenzene	ND	0.047		mg/Kg	1	4/2/2022 3:40:32 PM	66513
Xylenes, Total	ND	0.094		mg/Kg	1	4/2/2022 3:40:32 PM	66513
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	4/2/2022 3:40:32 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-11

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 9:00:00 AM

Lab ID: 2203F74-010

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	580	60		mg/Kg	20	4/5/2022 11:08:34 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/2/2022 1:12:17 PM	66524
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/2/2022 1:12:17 PM	66524
Surr: DNOP	116	51.1-141		%Rec	1	4/2/2022 1:12:17 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 4:50:59 PM	66513
Surr: BFB	103	37.7-212		%Rec	1	4/2/2022 4:50:59 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 4:50:59 PM	66513
Toluene	ND	0.048		mg/Kg	1	4/2/2022 4:50:59 PM	66513
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 4:50:59 PM	66513
Xylenes, Total	ND	0.096		mg/Kg	1	4/2/2022 4:50:59 PM	66513
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/2/2022 4:50:59 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-12

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 9:05:00 AM

Lab ID: 2203F74-011

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	360	60		mg/Kg	20	4/5/2022 11:20:58 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/2/2022 1:22:57 PM	66524
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/2/2022 1:22:57 PM	66524
Surr: DNOP	103	51.1-141		%Rec	1	4/2/2022 1:22:57 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/2/2022 6:01:33 PM	66513
Surr: BFB	97.4	37.7-212		%Rec	1	4/2/2022 6:01:33 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/2/2022 6:01:33 PM	66513
Toluene	ND	0.046		mg/Kg	1	4/2/2022 6:01:33 PM	66513
Ethylbenzene	ND	0.046		mg/Kg	1	4/2/2022 6:01:33 PM	66513
Xylenes, Total	ND	0.091		mg/Kg	1	4/2/2022 6:01:33 PM	66513
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	4/2/2022 6:01:33 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-1

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 9:10:00 AM

Lab ID: 2203F74-012

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	73	60		mg/Kg	20	4/5/2022 11:33:22 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/2/2022 1:33:39 PM	66524
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/2/2022 1:33:39 PM	66524
Surr: DNOP	95.5	51.1-141		%Rec	1	4/2/2022 1:33:39 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 6:24:55 PM	66513
Surr: BFB	98.2	37.7-212		%Rec	1	4/2/2022 6:24:55 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 6:24:55 PM	66513
Toluene	ND	0.048		mg/Kg	1	4/2/2022 6:24:55 PM	66513
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 6:24:55 PM	66513
Xylenes, Total	ND	0.097		mg/Kg	1	4/2/2022 6:24:55 PM	66513
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	4/2/2022 6:24:55 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-2

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 9:15:00 AM

Lab ID: 2203F74-013

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	160	60		mg/Kg	20	4/6/2022 12:10:35 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/2/2022 1:44:24 PM	66524
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/2/2022 1:44:24 PM	66524
Surr: DNOP	87.8	51.1-141		%Rec	1	4/2/2022 1:44:24 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 6:48:17 PM	66513
Surr: BFB	98.0	37.7-212		%Rec	1	4/2/2022 6:48:17 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 6:48:17 PM	66513
Toluene	ND	0.049		mg/Kg	1	4/2/2022 6:48:17 PM	66513
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 6:48:17 PM	66513
Xylenes, Total	ND	0.098		mg/Kg	1	4/2/2022 6:48:17 PM	66513
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	4/2/2022 6:48:17 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-3

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 9:20:00 AM

Lab ID: 2203F74-014

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	490	60		mg/Kg	20	4/6/2022 12:22:59 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/2/2022 1:55:10 PM	66524
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/2/2022 1:55:10 PM	66524
Surr: DNOP	90.6	51.1-141		%Rec	1	4/2/2022 1:55:10 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 7:11:42 PM	66513
Surr: BFB	99.5	37.7-212		%Rec	1	4/2/2022 7:11:42 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 7:11:42 PM	66513
Toluene	ND	0.048		mg/Kg	1	4/2/2022 7:11:42 PM	66513
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 7:11:42 PM	66513
Xylenes, Total	ND	0.096		mg/Kg	1	4/2/2022 7:11:42 PM	66513
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	4/2/2022 7:11:42 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-13

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 10:00:00 AM

Lab ID: 2203F74-015

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	300	60		mg/Kg	20	4/6/2022 1:00:12 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/2/2022 2:05:57 PM	66524
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/2/2022 2:05:57 PM	66524
Surr: DNOP	86.7	51.1-141		%Rec	1	4/2/2022 2:05:57 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/2/2022 7:35:10 PM	66513
Surr: BFB	96.4	37.7-212		%Rec	1	4/2/2022 7:35:10 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 7:35:10 PM	66513
Toluene	ND	0.047		mg/Kg	1	4/2/2022 7:35:10 PM	66513
Ethylbenzene	ND	0.047		mg/Kg	1	4/2/2022 7:35:10 PM	66513
Xylenes, Total	ND	0.095		mg/Kg	1	4/2/2022 7:35:10 PM	66513
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	4/2/2022 7:35:10 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-14

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 10:05:00 AM

Lab ID: 2203F74-016

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	390	60		mg/Kg	20	4/6/2022 1:12:36 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/2/2022 2:16:39 PM	66524
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/2/2022 2:16:39 PM	66524
Surr: DNOP	89.6	51.1-141		%Rec	1	4/2/2022 2:16:39 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/2/2022 7:58:51 PM	66513
Surr: BFB	93.6	37.7-212		%Rec	1	4/2/2022 7:58:51 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 7:58:51 PM	66513
Toluene	ND	0.047		mg/Kg	1	4/2/2022 7:58:51 PM	66513
Ethylbenzene	ND	0.047		mg/Kg	1	4/2/2022 7:58:51 PM	66513
Xylenes, Total	ND	0.094		mg/Kg	1	4/2/2022 7:58:51 PM	66513
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	4/2/2022 7:58:51 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-15

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 10:10:00 AM

Lab ID: 2203F74-017

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	160	60		mg/Kg	20	4/6/2022 1:25:01 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/2/2022 2:27:21 PM	66524
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/2/2022 2:27:21 PM	66524
Surr: DNOP	104	51.1-141		%Rec	1	4/2/2022 2:27:21 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 8:22:37 PM	66513
Surr: BFB	90.5	37.7-212		%Rec	1	4/2/2022 8:22:37 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 8:22:37 PM	66513
Toluene	ND	0.048		mg/Kg	1	4/2/2022 8:22:37 PM	66513
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 8:22:37 PM	66513
Xylenes, Total	ND	0.096		mg/Kg	1	4/2/2022 8:22:37 PM	66513
Surr: 4-Bromofluorobenzene	93.7	70-130		%Rec	1	4/2/2022 8:22:37 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-16

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 10:15:00 AM

Lab ID: 2203F74-018

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	230	60		mg/Kg	20	4/6/2022 1:37:26 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/2/2022 2:38:01 PM	66524
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/2/2022 2:38:01 PM	66524
Surr: DNOP	103	51.1-141		%Rec	1	4/2/2022 2:38:01 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 8:46:19 PM	66513
Surr: BFB	93.5	37.7-212		%Rec	1	4/2/2022 8:46:19 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	4/2/2022 8:46:19 PM	66513
Toluene	ND	0.049		mg/Kg	1	4/2/2022 8:46:19 PM	66513
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 8:46:19 PM	66513
Xylenes, Total	ND	0.098		mg/Kg	1	4/2/2022 8:46:19 PM	66513
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	4/2/2022 8:46:19 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-4

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 10:20:00 AM

Lab ID: 2203F74-019

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	250	61		mg/Kg	20	4/6/2022 1:49:50 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/2/2022 2:48:42 PM	66524
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/2/2022 2:48:42 PM	66524
Surr: DNOP	90.6	51.1-141		%Rec	1	4/2/2022 2:48:42 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/2/2022 9:33:35 PM	66513
Surr: BFB	96.6	37.7-212		%Rec	1	4/2/2022 9:33:35 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	4/2/2022 9:33:35 PM	66513
Toluene	ND	0.050		mg/Kg	1	4/2/2022 9:33:35 PM	66513
Ethylbenzene	ND	0.050		mg/Kg	1	4/2/2022 9:33:35 PM	66513
Xylenes, Total	ND	0.099		mg/Kg	1	4/2/2022 9:33:35 PM	66513
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	4/2/2022 9:33:35 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-17

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 11:00:00 AM

Lab ID: 2203F74-020

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	210	60		mg/Kg	20	4/6/2022 2:02:14 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/2/2022 2:59:22 PM	66524
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/2/2022 2:59:22 PM	66524
Surr: DNOP	106	51.1-141		%Rec	1	4/2/2022 2:59:22 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/2/2022 9:57:21 PM	66513
Surr: BFB	97.1	37.7-212		%Rec	1	4/2/2022 9:57:21 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/2/2022 9:57:21 PM	66513
Toluene	ND	0.046		mg/Kg	1	4/2/2022 9:57:21 PM	66513
Ethylbenzene	ND	0.046		mg/Kg	1	4/2/2022 9:57:21 PM	66513
Xylenes, Total	ND	0.091		mg/Kg	1	4/2/2022 9:57:21 PM	66513
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	4/2/2022 9:57:21 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-18

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 11:05:00 AM

Lab ID: 2203F74-021

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	200	60		mg/Kg	20	4/6/2022 2:39:28 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/2/2022 3:10:05 PM	66524
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/2/2022 3:10:05 PM	66524
Surr: DNOP	111	51.1-141		%Rec	1	4/2/2022 3:10:05 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 10:21:01 PM	66513
Surr: BFB	98.0	37.7-212		%Rec	1	4/2/2022 10:21:01 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 10:21:01 PM	66513
Toluene	ND	0.049		mg/Kg	1	4/2/2022 10:21:01 PM	66513
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 10:21:01 PM	66513
Xylenes, Total	ND	0.098		mg/Kg	1	4/2/2022 10:21:01 PM	66513
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	4/2/2022 10:21:01 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-19

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 12:00:00 PM

Lab ID: 2203F74-022

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	410	61		mg/Kg	20	4/6/2022 2:51:53 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/2/2022 3:20:43 PM	66524
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/2/2022 3:20:43 PM	66524
Surr: DNOP	92.9	51.1-141		%Rec	1	4/2/2022 3:20:43 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 10:44:42 PM	66513
Surr: BFB	95.0	37.7-212		%Rec	1	4/2/2022 10:44:42 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 10:44:42 PM	66513
Toluene	ND	0.048		mg/Kg	1	4/2/2022 10:44:42 PM	66513
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 10:44:42 PM	66513
Xylenes, Total	ND	0.097		mg/Kg	1	4/2/2022 10:44:42 PM	66513
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	4/2/2022 10:44:42 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-20

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 12:05:00 PM

Lab ID: 2203F74-023

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	290	61		mg/Kg	20	4/6/2022 3:04:18 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/2/2022 3:31:21 PM	66524
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/2/2022 3:31:21 PM	66524
Surr: DNOP	90.0	51.1-141		%Rec	1	4/2/2022 3:31:21 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 11:08:23 PM	66513
Surr: BFB	98.9	37.7-212		%Rec	1	4/2/2022 11:08:23 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 11:08:23 PM	66513
Toluene	ND	0.048		mg/Kg	1	4/2/2022 11:08:23 PM	66513
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 11:08:23 PM	66513
Xylenes, Total	ND	0.096		mg/Kg	1	4/2/2022 11:08:23 PM	66513
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	4/2/2022 11:08:23 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-21

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 12:10:00 PM

Lab ID: 2203F74-024

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	270	60		mg/Kg	20	4/6/2022 3:16:42 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/2/2022 3:41:56 PM	66524
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/2/2022 3:41:56 PM	66524
Surr: DNOP	97.1	51.1-141		%Rec	1	4/2/2022 3:41:56 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 11:32:11 PM	66513
Surr: BFB	100	37.7-212		%Rec	1	4/2/2022 11:32:11 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 11:32:11 PM	66513
Toluene	ND	0.048		mg/Kg	1	4/2/2022 11:32:11 PM	66513
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 11:32:11 PM	66513
Xylenes, Total	ND	0.096		mg/Kg	1	4/2/2022 11:32:11 PM	66513
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	4/2/2022 11:32:11 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-22

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 12:15:00 PM

Lab ID: 2203F74-025

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	210	60		mg/Kg	20	4/6/2022 12:17:20 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/2/2022 3:52:34 PM	66524
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/2/2022 3:52:34 PM	66524
Surr: DNOP	93.1	51.1-141		%Rec	1	4/2/2022 3:52:34 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 11:55:52 PM	66513
Surr: BFB	97.7	37.7-212		%Rec	1	4/2/2022 11:55:52 PM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/2/2022 11:55:52 PM	66513
Toluene	ND	0.048		mg/Kg	1	4/2/2022 11:55:52 PM	66513
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 11:55:52 PM	66513
Xylenes, Total	ND	0.097		mg/Kg	1	4/2/2022 11:55:52 PM	66513
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	4/2/2022 11:55:52 PM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-23

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 12:20:00 PM

Lab ID: 2203F74-026

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	470	60		mg/Kg	20	4/6/2022 12:54:23 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/2/2022 4:03:09 PM	66524
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/2/2022 4:03:09 PM	66524
Surr: DNOP	128	51.1-141		%Rec	1	4/2/2022 4:03:09 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/3/2022 12:19:30 AM	66513
Surr: BFB	95.1	37.7-212		%Rec	1	4/3/2022 12:19:30 AM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/3/2022 12:19:30 AM	66513
Toluene	ND	0.047		mg/Kg	1	4/3/2022 12:19:30 AM	66513
Ethylbenzene	ND	0.047		mg/Kg	1	4/3/2022 12:19:30 AM	66513
Xylenes, Total	ND	0.095		mg/Kg	1	4/3/2022 12:19:30 AM	66513
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	4/3/2022 12:19:30 AM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-5

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 1:00:00 PM

Lab ID: 2203F74-027

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	440	60		mg/Kg	20	4/6/2022 1:06:44 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/2/2022 4:13:49 PM	66524
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/2/2022 4:13:49 PM	66524
Surr: DNOP	102	51.1-141		%Rec	1	4/2/2022 4:13:49 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/3/2022 12:42:56 AM	66513
Surr: BFB	99.3	37.7-212		%Rec	1	4/3/2022 12:42:56 AM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	4/3/2022 12:42:56 AM	66513
Toluene	ND	0.050		mg/Kg	1	4/3/2022 12:42:56 AM	66513
Ethylbenzene	ND	0.050		mg/Kg	1	4/3/2022 12:42:56 AM	66513
Xylenes, Total	ND	0.099		mg/Kg	1	4/3/2022 12:42:56 AM	66513
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/3/2022 12:42:56 AM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-6

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 1:05:00 PM

Lab ID: 2203F74-028

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	240	60		mg/Kg	20	4/6/2022 1:19:05 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/2/2022 4:24:26 PM	66524
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/2/2022 4:24:26 PM	66524
Surr: DNOP	155	51.1-141	S	%Rec	1	4/2/2022 4:24:26 PM	66524
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/3/2022 1:06:33 AM	66513
Surr: BFB	99.7	37.7-212		%Rec	1	4/3/2022 1:06:33 AM	66513
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/3/2022 1:06:33 AM	66513
Toluene	ND	0.046		mg/Kg	1	4/3/2022 1:06:33 AM	66513
Ethylbenzene	ND	0.046		mg/Kg	1	4/3/2022 1:06:33 AM	66513
Xylenes, Total	ND	0.092		mg/Kg	1	4/3/2022 1:06:33 AM	66513
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/3/2022 1:06:33 AM	66513

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-7

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 1:10:00 PM

Lab ID: 2203F74-029

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	330	60		mg/Kg	20	4/6/2022 1:56:07 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/1/2022 12:40:58 PM	66546
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/1/2022 12:40:58 PM	66546
Surr: DNOP	103	51.1-141		%Rec	1	4/1/2022 12:40:58 PM	66546
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/1/2022 11:29:22 AM	66539
Surr: BFB	102	37.7-212		%Rec	1	4/1/2022 11:29:22 AM	66539
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	4/1/2022 11:29:22 AM	66539
Toluene	ND	0.050		mg/Kg	1	4/1/2022 11:29:22 AM	66539
Ethylbenzene	ND	0.050		mg/Kg	1	4/1/2022 11:29:22 AM	66539
Xylenes, Total	ND	0.10		mg/Kg	1	4/1/2022 11:29:22 AM	66539
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	4/1/2022 11:29:22 AM	66539

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2203F74

Date Reported: 4/11/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-24

Project: Gumby BAG Federal 1

Collection Date: 3/28/2022 2:00:00 PM

Lab ID: 2203F74-030

Matrix: SOIL

Received Date: 3/30/2022 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	480	60		mg/Kg	20	4/6/2022 2:08:27 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/1/2022 1:53:33 PM	66546
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/1/2022 1:53:33 PM	66546
Surr: DNOP	85.8	51.1-141		%Rec	1	4/1/2022 1:53:33 PM	66546
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/1/2022 12:40:40 PM	66539
Surr: BFB	97.3	37.7-212		%Rec	1	4/1/2022 12:40:40 PM	66539
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	4/1/2022 12:40:40 PM	66539
Toluene	ND	0.050		mg/Kg	1	4/1/2022 12:40:40 PM	66539
Ethylbenzene	ND	0.050		mg/Kg	1	4/1/2022 12:40:40 PM	66539
Xylenes, Total	ND	0.099		mg/Kg	1	4/1/2022 12:40:40 PM	66539
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	4/1/2022 12:40:40 PM	66539

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203F74

11-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66649	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66649	RunNo: 86993								
Prep Date: 4/5/2022	Analysis Date: 4/5/2022	SeqNo: 3075242 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66649	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66649	RunNo: 86993								
Prep Date: 4/5/2022	Analysis Date: 4/5/2022	SeqNo: 3075243 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.5	90	110			

Sample ID: MB-66656	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66656	RunNo: 87005								
Prep Date: 4/5/2022	Analysis Date: 4/5/2022	SeqNo: 3075862 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66656	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66656	RunNo: 87005								
Prep Date: 4/5/2022	Analysis Date: 4/5/2022	SeqNo: 3075863 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.8	90	110			

Sample ID: MB-66638	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66638	RunNo: 87038								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3077760 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66638	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66638	RunNo: 87038								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3077761 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.3	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Estimated value
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 Limit
S % Recovery outside of range due to dilution or matrix interference	

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203F74

11-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66524	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66524	RunNo: 86902								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071848 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		98.5	51.1	141			

Sample ID: LCS-66524	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66524	RunNo: 86902								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071850 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	97.5	68.9	135			
Surr: DNOP	4.5		5.000		89.8	51.1	141			

Sample ID: 2203F74-012AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-1	Batch ID: 66524	RunNo: 86902								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071882 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	49.85	0	86.8	36.1	154			
Surr: DNOP	3.6		4.985		71.6	51.1	141			

Sample ID: 2203F74-012AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-1	Batch ID: 66524	RunNo: 86902								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071883 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	9.6	48.22	0	92.2	36.1	154	2.75	33.9	
Surr: DNOP	3.8		4.822		79.0	51.1	141	0	0	

Sample ID: 2203F74-029AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-7	Batch ID: 66546	RunNo: 86957								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3072526 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	9.9	49.46	0	83.0	36.1	154			
Surr: DNOP	4.3		4.946		86.4	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203F74

11-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: 2203F74-029AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-7	Batch ID: 66546	RunNo: 86957								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3072527 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.8	48.83	0	96.8	36.1	154	14.2	33.9	
Surr: DNOP	4.5		4.883		91.6	51.1	141	0	0	

Sample ID: LCS-66523	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66523	RunNo: 86957								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3072547 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	86.2	68.9	135			
Surr: DNOP	4.6		5.000		91.7	51.1	141			

Sample ID: LCS-66546	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66546	RunNo: 86957								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3072548 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	81.7	68.9	135			
Surr: DNOP	4.6		5.000		91.2	51.1	141			

Sample ID: MB-66523	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66523	RunNo: 86957								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3072549 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		104	51.1	141			

Sample ID: MB-66546	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66546	RunNo: 86957								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3072550 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	9.5		10.00		95.5	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203F74

11-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: 2203F74-029AMS	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SW-7	Batch ID: 66539	RunNo: 86929								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071299 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	116	70	130			
Surr: BFB	2100		1000		213	37.7	212			S

Sample ID: 2203F74-029AMSD	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SW-7	Batch ID: 66539	RunNo: 86929								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071300 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	24.98	0	118	70	130	1.37	20	
Surr: BFB	2200		999.0		215	37.7	212	0	0	S

Sample ID: lcs-66539	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 66539	RunNo: 86929								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071342 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	107	72.3	137			
Surr: BFB	2100		1000		207	37.7	212			

Sample ID: mb-66539	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 66539	RunNo: 86929								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071344 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		96.4	37.7	212			

Sample ID: lcs-66508	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 66508	RunNo: 86911								
Prep Date: 3/30/2022	Analysis Date: 4/1/2022	SeqNo: 3071525 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	112	72.3	137			
Surr: BFB	2200		1000		225	37.7	212			S

Sample ID: mb-66508	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 66508	RunNo: 86911								
Prep Date: 3/30/2022	Analysis Date: 4/1/2022	SeqNo: 3071526 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203F74

11-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: mb-66508	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 66508	RunNo: 86911								
Prep Date: 3/30/2022	Analysis Date: 4/1/2022	SeqNo: 3071526 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		104	37.7	212			

Sample ID: mb-66513	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 66513	RunNo: 86937								
Prep Date: 3/30/2022	Analysis Date: 4/2/2022	SeqNo: 3071589 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	970		1000		97.4	37.7	212			

Sample ID: lcs-66513	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 66513	RunNo: 86937								
Prep Date: 3/30/2022	Analysis Date: 4/2/2022	SeqNo: 3071590 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137			
Surr: BFB	2100		1000		212	37.7	212			S

Sample ID: 2203f74-009ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH-10	Batch ID: 66513	RunNo: 86937								
Prep Date: 3/30/2022	Analysis Date: 4/2/2022	SeqNo: 3071592 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.7	23.72	0	104	70	130			
Surr: BFB	2000		948.8		209	37.7	212			

Sample ID: 2203f74-009amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: BH-10	Batch ID: 66513	RunNo: 86937								
Prep Date: 3/30/2022	Analysis Date: 4/2/2022	SeqNo: 3071593 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.6	23.17	0	103	70	130	2.50	20	
Surr: BFB	1900		926.8		205	37.7	212	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
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203F74

11-Apr-22

Client: GHD Midland**Project:** Gumby BAG Federal 1

Sample ID: 2203F74-030AMS	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-24	Batch ID: 66539	RunNo: 86929								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071348	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	0.9950	0	88.2	68.8	120			
Toluene	0.91	0.050	0.9950	0	91.5	73.6	124			
Ethylbenzene	0.92	0.050	0.9950	0	92.6	72.7	129			
Xylenes, Total	2.8	0.10	2.985	0	93.5	75.7	126			
Surr: 4-Bromofluorobenzene	1.0		0.9950		101	70	130			

Sample ID: 2203f74-030amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-24	Batch ID: 66539	RunNo: 86929								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071349	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	0.9940	0	89.3	68.8	120	1.07	20	
Toluene	0.92	0.050	0.9940	0	93.0	73.6	124	1.53	20	
Ethylbenzene	0.93	0.050	0.9940	0	93.8	72.7	129	1.23	20	
Xylenes, Total	2.8	0.099	2.982	0	95.2	75.7	126	1.62	20	
Surr: 4-Bromofluorobenzene	1.0		0.9940		101	70	130	0	0	

Sample ID: LCS-66539	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66539	RunNo: 86929								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071390	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	86.6	80	120			
Toluene	0.89	0.050	1.000	0	88.6	80	120			
Ethylbenzene	0.89	0.050	1.000	0	88.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Sample ID: mb-66539	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66539	RunNo: 86929								
Prep Date: 3/31/2022	Analysis Date: 4/1/2022	SeqNo: 3071392	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	0.98		1.000		98.5	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203F74

11-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: lcs-66508	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 66508			RunNo: 86911						
Prep Date: 3/30/2022	Analysis Date: 4/1/2022			SeqNo: 3071497		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.3	80	120			
Toluene	0.90	0.050	1.000	0	89.9	80	120			
Ethylbenzene	0.91	0.050	1.000	0	90.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.4	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.1	70	130			

Sample ID: mb-66508	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 66508			RunNo: 86911						
Prep Date: 3/30/2022	Analysis Date: 4/1/2022			SeqNo: 3071498		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	0.87		1.000		87.3	70	130			

Sample ID: mb-66513	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 66513			RunNo: 86937						
Prep Date: 3/30/2022	Analysis Date: 4/2/2022			SeqNo: 3071616		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		98.6	70	130			

Sample ID: LCS-66513	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 66513			RunNo: 86937						
Prep Date: 3/30/2022	Analysis Date: 4/2/2022			SeqNo: 3071617		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.9	80	120			
Toluene	0.95	0.050	1.000	0	94.8	80	120			
Ethylbenzene	0.95	0.050	1.000	0	95.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.1	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203F74

11-Apr-22

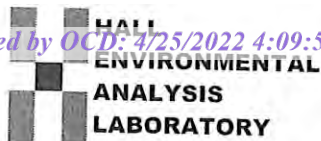
Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: 2203f74-010ams		SampType: MS		TestCode: EPA Method 8021B: Volatiles						
Client ID: BH-11		Batch ID: 66513		RunNo: 86937						
Prep Date: 3/30/2022		Analysis Date: 4/2/2022		SeqNo: 3071620		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.75	0.024	0.9434	0	79.9	68.8	120			
Toluene	0.77	0.047	0.9434	0	81.8	73.6	124			
Ethylbenzene	0.78	0.047	0.9434	0	82.3	72.7	129			
Xylenes, Total	2.4	0.094	2.830	0	83.0	75.7	126			
Surr: 4-Bromofluorobenzene	0.92		0.9434		98.0	70	130			

Sample ID: 2203f74-010amsd		SampType: MSD		TestCode: EPA Method 8021B: Volatiles						
Client ID: BH-11		Batch ID: 66513		RunNo: 86937						
Prep Date: 3/30/2022		Analysis Date: 4/2/2022		SeqNo: 3071621		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.024	0.9461	0	86.2	68.8	120	7.81	20	
Toluene	0.85	0.047	0.9461	0	90.2	73.6	124	10.0	20	
Ethylbenzene	0.86	0.047	0.9461	0	91.2	72.7	129	10.5	20	
Xylenes, Total	2.6	0.095	2.838	0	91.5	75.7	126	9.96	20	
Surr: 4-Bromofluorobenzene	0.95		0.9461		101	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		



Sample Log-In Check List

Client Name: GHD Midland

Work Order Number: 2203F74

RcptNo: 1

Received By: Juan Rojas

3/30/2022 9:15:00 AM

Completed By: Sean Livingston

3/30/2022 10:23:25 AM

Reviewed By: TML

3/30/22

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 of $>0^{\circ}\text{C}$ 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) properly 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 ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. 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: _____

TO
3/30/22Special Handling (if applicable)

15. 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: _____

16. Additional remarks: _____

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.3	Good				
2	3.1	Good				

Chain-of-Custody Record

Client: GHD

Turn-Around Time: ☒ Standard ☒ Rush 5-day

Project Name: Crumbly BAK Federal #1

Project #: 12563500

Project Manager: Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (Including CF): 0-6-0-3-20-3

Container Type and # HEAL No 34-0.3-4-3.1

Matrix S Sample Name SL-2

SL-3

SL-13

SL-14

SL-15

SL-16

SL-4

SL-17

SL-18

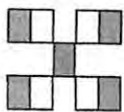
SL-19

SL-20

SL-21

Relinquished by: Zach Comino Date: 3/24/22 Time: 8:00

Relinquished by: Becky Haskell Date: 3/24/22 Time: 9:15



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	Cooler Temp (Including CF)	0-6-0-3-20-3	HEAL No	34-0.3-4-3.1	5-25-2022
03/22/22	0915	S	SL-2	Jar						
	0920		SL-3							
	1000		SL-13							
	1005		SL-14							
	1010		SL-15							
	1015		SL-16							
	1020		SL-4							
	1100		SL-17							
	1105		SL-18							
	1200		SL-19							
	1205		SL-20							
	1210		SL-21							
03/22/22	0900									
03/24/22	1900									

Remarks: Please email: Chase_Settle@eogresources.com;
Tom.Larson@ghd.com; Zach.Comino@ghd.com
Matthew.Laughlin@ghd.com;
Amber_Griffin@eogresources.com: Along with Becky Haskell listed above.

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.

Direct Bill to EOG-Chase Settle

Chain-of-Custody Record

Client: GHD

Turn-Around Time: Standard ☒ Rush 5.0g

Project Name: Becky BAC Federal #1

Project #: 12563500

Mailing Address:

324 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☐ EDD (Type)

Analysis Request

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CP): 0.6-0.3-0.3

Container Type and #

Preservative Type

HEAL No.

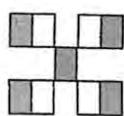
Date	Time	Matrix	Sample Name
03/28/22	1215	S	BH-22
	1220		BH-23
	1300		SLJ-5
	1305		SLJ-6
	1310		SLJ-7
	1400		BH-24

Received by: Zach Comino Date: 3/29/22 Time: 800

Relinquished by: Zach Comino Date: 3/29/22 Time: 800

Received by: Becky Haskell Date: 3/29/22 Time: 9:15

Relinquished by: Becky Haskell Date: 3/29/22 Time: 9:15



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

BTEX / MTBE / TMBs (8021)

TPH: 8015D (GRO / DRO / MRO)

8081 Pesticides/8082 PCBs

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Chloride Method 300

Remarks: Please email: Chase_Settle@eogresources.com;
Tom.Larson@ghd.com; Zach.Comino@ghd.com
Matthew.Laughlin@ghd.com;
Amber_Griffin@eogresources.com; Along with Becky
Haskell listed above.

Direct Bill to EOG Chase Settle

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.



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

April 12, 2022

Tom Larson
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Gumby BAG Federal 1

OrderNo.: 2203G86

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 9 sample(s) on 3/31/2022 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 #NM0901

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

Analytical Report

Lab Order 2203G86

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-25

Project: Gumby BAG Federal 1

Collection Date: 3/29/2022 9:30:00 AM

Lab ID: 2203G86-001

Matrix: SOIL

Received Date: 3/31/2022 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	390	60		mg/Kg	20	4/6/2022 3:13:54 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/4/2022 2:39:52 PM	66560
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/4/2022 2:39:52 PM	66560
Surr: DNOP	109	51.1-141		%Rec	1	4/4/2022 2:39:52 PM	66560
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/2/2022 2:28:22 AM	66547
Surr: BFB	96.6	37.7-212		%Rec	1	4/2/2022 2:28:22 AM	66547
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	4/2/2022 2:28:22 AM	66547
Toluene	ND	0.046		mg/Kg	1	4/2/2022 2:28:22 AM	66547
Ethylbenzene	ND	0.046		mg/Kg	1	4/2/2022 2:28:22 AM	66547
Xylenes, Total	ND	0.092		mg/Kg	1	4/2/2022 2:28:22 AM	66547
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/2/2022 2:28:22 AM	66547

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203G86

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-26

Project: Gumby BAG Federal 1

Collection Date: 3/29/2022 9:35:00 AM

Lab ID: 2203G86-002

Matrix: SOIL

Received Date: 3/31/2022 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	280	60		mg/Kg	20	4/6/2022 3:26:14 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/4/2022 2:50:45 PM	66560
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/4/2022 2:50:45 PM	66560
Surr: DNOP	108	51.1-141		%Rec	1	4/4/2022 2:50:45 PM	66560
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 2:51:55 AM	66547
Surr: BFB	99.5	37.7-212		%Rec	1	4/2/2022 2:51:55 AM	66547
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	4/2/2022 2:51:55 AM	66547
Toluene	ND	0.048		mg/Kg	1	4/2/2022 2:51:55 AM	66547
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 2:51:55 AM	66547
Xylenes, Total	ND	0.096		mg/Kg	1	4/2/2022 2:51:55 AM	66547
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	4/2/2022 2:51:55 AM	66547

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2203G86

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-27

Project: Gumby BAG Federal 1

Collection Date: 3/29/2022 9:40:00 AM

Lab ID: 2203G86-003

Matrix: SOIL

Received Date: 3/31/2022 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	240	60		mg/Kg	20	4/6/2022 3:38:34 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/5/2022 1:07:26 PM	66560
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/5/2022 1:07:26 PM	66560
Surr: DNOP	108	51.1-141		%Rec	1	4/5/2022 1:07:26 PM	66560
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/2/2022 3:15:27 AM	66547
Surr: BFB	99.6	37.7-212		%Rec	1	4/2/2022 3:15:27 AM	66547
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	4/2/2022 3:15:27 AM	66547
Toluene	ND	0.046		mg/Kg	1	4/2/2022 3:15:27 AM	66547
Ethylbenzene	ND	0.046		mg/Kg	1	4/2/2022 3:15:27 AM	66547
Xylenes, Total	ND	0.092		mg/Kg	1	4/2/2022 3:15:27 AM	66547
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/2/2022 3:15:27 AM	66547

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203G86

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-8

Project: Gumby BAG Federal 1

Collection Date: 3/29/2022 11:00:00 AM

Lab ID: 2203G86-004

Matrix: SOIL

Received Date: 3/31/2022 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	270	60		mg/Kg	20	4/6/2022 3:50:54 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/4/2022 3:12:25 PM	66560
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/4/2022 3:12:25 PM	66560
Surr: DNOP	93.8	51.1-141		%Rec	1	4/4/2022 3:12:25 PM	66560
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 3:38:56 AM	66547
Surr: BFB	95.4	37.7-212		%Rec	1	4/2/2022 3:38:56 AM	66547
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	4/2/2022 3:38:56 AM	66547
Toluene	ND	0.049		mg/Kg	1	4/2/2022 3:38:56 AM	66547
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 3:38:56 AM	66547
Xylenes, Total	ND	0.098		mg/Kg	1	4/2/2022 3:38:56 AM	66547
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	4/2/2022 3:38:56 AM	66547

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2203G86

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-9

Project: Gumby BAG Federal 1

Collection Date: 3/29/2022 11:05:00 AM

Lab ID: 2203G86-005

Matrix: SOIL

Received Date: 3/31/2022 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	350	60		mg/Kg	20	4/6/2022 4:27:57 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	4/4/2022 3:23:14 PM	66560
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	4/4/2022 3:23:14 PM	66560
Surr: DNOP	94.3	51.1-141		%Rec	1	4/4/2022 3:23:14 PM	66560
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/2/2022 4:02:30 AM	66547
Surr: BFB	98.3	37.7-212		%Rec	1	4/2/2022 4:02:30 AM	66547
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	4/2/2022 4:02:30 AM	66547
Toluene	ND	0.046		mg/Kg	1	4/2/2022 4:02:30 AM	66547
Ethylbenzene	ND	0.046		mg/Kg	1	4/2/2022 4:02:30 AM	66547
Xylenes, Total	ND	0.093		mg/Kg	1	4/2/2022 4:02:30 AM	66547
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	4/2/2022 4:02:30 AM	66547

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203G86

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-28

Project: Gumby BAG Federal 1

Collection Date: 3/29/2022 11:10:00 AM

Lab ID: 2203G86-006

Matrix: SOIL

Received Date: 3/31/2022 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	370	60		mg/Kg	20	4/6/2022 4:40:17 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/4/2022 3:34:04 PM	66560
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/4/2022 3:34:04 PM	66560
Surr: DNOP	91.1	51.1-141		%Rec	1	4/4/2022 3:34:04 PM	66560
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/2/2022 4:26:01 AM	66547
Surr: BFB	99.1	37.7-212		%Rec	1	4/2/2022 4:26:01 AM	66547
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	4/2/2022 4:26:01 AM	66547
Toluene	ND	0.049		mg/Kg	1	4/2/2022 4:26:01 AM	66547
Ethylbenzene	ND	0.049		mg/Kg	1	4/2/2022 4:26:01 AM	66547
Xylenes, Total	ND	0.098		mg/Kg	1	4/2/2022 4:26:01 AM	66547
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	4/2/2022 4:26:01 AM	66547

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203G86

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-29

Project: Gumby BAG Federal 1

Collection Date: 3/29/2022 12:00:00 PM

Lab ID: 2203G86-007

Matrix: SOIL

Received Date: 3/31/2022 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	250	60		mg/Kg	20	4/6/2022 4:52:37 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/4/2022 3:44:51 PM	66560
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/4/2022 3:44:51 PM	66560
Surr: DNOP	86.4	51.1-141		%Rec	1	4/4/2022 3:44:51 PM	66560
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/2/2022 5:13:02 AM	66547
Surr: BFB	95.5	37.7-212		%Rec	1	4/2/2022 5:13:02 AM	66547
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.025		mg/Kg	1	4/2/2022 5:13:02 AM	66547
Toluene	ND	0.050		mg/Kg	1	4/2/2022 5:13:02 AM	66547
Ethylbenzene	ND	0.050		mg/Kg	1	4/2/2022 5:13:02 AM	66547
Xylenes, Total	ND	0.099		mg/Kg	1	4/2/2022 5:13:02 AM	66547
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	4/2/2022 5:13:02 AM	66547

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203G86

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-30

Project: Gumby BAG Federal 1

Collection Date: 3/29/2022 12:05:00 PM

Lab ID: 2203G86-008

Matrix: SOIL

Received Date: 3/31/2022 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	190	60		mg/Kg	20	4/6/2022 3:30:41 PM	66668
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	4/4/2022 4:17:46 PM	66560
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/4/2022 4:17:46 PM	66560
Surr: DNOP	96.6	51.1-141		%Rec	1	4/4/2022 4:17:46 PM	66560
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/2/2022 5:36:30 AM	66547
Surr: BFB	96.7	37.7-212		%Rec	1	4/2/2022 5:36:30 AM	66547
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.024		mg/Kg	1	4/2/2022 5:36:30 AM	66547
Toluene	ND	0.048		mg/Kg	1	4/2/2022 5:36:30 AM	66547
Ethylbenzene	ND	0.048		mg/Kg	1	4/2/2022 5:36:30 AM	66547
Xylenes, Total	ND	0.096		mg/Kg	1	4/2/2022 5:36:30 AM	66547
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	4/2/2022 5:36:30 AM	66547

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2203G86

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-31

Project: Gumby BAG Federal 1

Collection Date: 3/29/2022 12:10:00 PM

Lab ID: 2203G86-009

Matrix: SOIL

Received Date: 3/31/2022 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	200	60		mg/Kg	20	4/6/2022 3:43:05 PM	66668
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/4/2022 4:28:31 PM	66560
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/4/2022 4:28:31 PM	66560
Surr: DNOP	95.2	51.1-141		%Rec	1	4/4/2022 4:28:31 PM	66560
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/2/2022 5:59:57 AM	66547
Surr: BFB	94.4	37.7-212		%Rec	1	4/2/2022 5:59:57 AM	66547
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Benzene	ND	0.023		mg/Kg	1	4/2/2022 5:59:57 AM	66547
Toluene	ND	0.047		mg/Kg	1	4/2/2022 5:59:57 AM	66547
Ethylbenzene	ND	0.047		mg/Kg	1	4/2/2022 5:59:57 AM	66547
Xylenes, Total	ND	0.094		mg/Kg	1	4/2/2022 5:59:57 AM	66547
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	4/2/2022 5:59:57 AM	66547

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203G86

12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66668	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66668	RunNo: 87045								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3077511 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66668	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66668	RunNo: 87045								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3077512 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.9	90	110			

Sample ID: MB-66666	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66666	RunNo: 87046								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3078075 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66666	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66666	RunNo: 87046								
Prep Date: 4/6/2022	Analysis Date: 4/6/2022	SeqNo: 3078076 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203G86

12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66560	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66560	RunNo: 86951								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073031 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		99.8	51.1	141			

Sample ID: LCS-66560	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66560	RunNo: 86951								
Prep Date: 4/1/2022	Analysis Date: 4/4/2022	SeqNo: 3073033 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.7	68.9	135			
Surr: DNOP	4.0		5.000		80.0	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203G86

12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: ics-66539	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 66539				RunNo: 86929					
Prep Date: 3/31/2022	Analysis Date: 4/1/2022				SeqNo: 3071342	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2100		1000		207	37.7	212			

Sample ID: ics-66547	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 66547				RunNo: 86929					
Prep Date: 3/31/2022	Analysis Date: 4/1/2022				SeqNo: 3071343	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	72.3	137			
Surr: BFB	2000		1000		202	37.7	212			

Sample ID: mb-66539	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 66539				RunNo: 86929					
Prep Date: 3/31/2022	Analysis Date: 4/1/2022				SeqNo: 3071344	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		96.4	37.7	212			

Sample ID: mb-66547	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 66547				RunNo: 86929					
Prep Date: 3/31/2022	Analysis Date: 4/1/2022				SeqNo: 3071345	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	980		1000		97.8	37.7	212			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2203G86

12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: LCS-66539	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 66539				RunNo: 86929					
Prep Date: 3/31/2022	Analysis Date: 4/1/2022				SeqNo: 3071390	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Sample ID: LCS-66547	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 66547				RunNo: 86929					
Prep Date: 3/31/2022	Analysis Date: 4/1/2022				SeqNo: 3071391	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.3	80	120			
Toluene	0.88	0.050	1.000	0	87.9	80	120			
Ethylbenzene	0.89	0.050	1.000	0	88.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		99.7	70	130			

Sample ID: mb-66539	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 66539				RunNo: 86929					
Prep Date: 3/31/2022	Analysis Date: 4/1/2022				SeqNo: 3071392	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.98		1.000		98.5	70	130			

Sample ID: mb-66547	SampType: MBLK				TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batch ID: 66547				RunNo: 86929					
Prep Date: 3/31/2022	Analysis Date: 4/1/2022				SeqNo: 3071393	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	1.0		1.000		102	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		



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: GHD Midland

Work Order Number: 2203G86

RcptNo: 1

Received By: Juan Rojas

3/31/2022 9:05:00 AM

Completed By: Sean Livingston

3/31/2022 10:08:14 AM

Reviewed By: TME

3/31/22

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 of $>0^{\circ}\text{C}$ 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) properly 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 ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. 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: KPA 3/31/22

Special Handling (if applicable)

15. 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: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good				



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

April 12, 2022

Tom Larson
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Gumby BAG Federal 1

OrderNo.: 2204067

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/2/2022 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 #NM0901

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

Analytical Report

Lab Order 2204067

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-32

Project: Gumby BAG Federal 1

Collection Date: 3/30/2022 8:00:00 AM

Lab ID: 2204067-001

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	490	59		mg/Kg	20	4/8/2022 3:38:59 PM	66731
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/6/2022 5:08:12 PM	66640
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/6/2022 5:08:12 PM	66640
Surr: DNOP	86.6	51.1-141		%Rec	1	4/6/2022 5:08:12 PM	66640
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/6/2022 1:29:35 AM	66613
Surr: BFB	98.3	37.7-212		%Rec	1	4/6/2022 1:29:35 AM	66613
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/6/2022 1:29:35 AM	66613
Toluene	ND	0.047		mg/Kg	1	4/6/2022 1:29:35 AM	66613
Ethylbenzene	ND	0.047		mg/Kg	1	4/6/2022 1:29:35 AM	66613
Xylenes, Total	ND	0.095		mg/Kg	1	4/6/2022 1:29:35 AM	66613
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/6/2022 1:29:35 AM	66613

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2204067

13-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66731	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66731	RunNo: 87136								
Prep Date: 4/8/2022	Analysis Date: 4/8/2022	SeqNo: 3080929	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66731	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66731	RunNo: 87136								
Prep Date: 4/8/2022	Analysis Date: 4/8/2022	SeqNo: 3080930	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.2	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

Page 2 of 5

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204067

13-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: LCS-66640	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 66640		RunNo: 87063							
Prep Date: 4/5/2022	Analysis Date: 4/6/2022		SeqNo: 3077500		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.0	68.9	135			
Surr: DNOP	4.7		5.000		94.6	51.1	141			

Sample ID: MB-66640	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 66640		RunNo: 87063							
Prep Date: 4/5/2022	Analysis Date: 4/6/2022		SeqNo: 3077502		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	9.5		10.00		95.2	51.1	141			

Sample ID: LCS-66673	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 66673		RunNo: 87063							
Prep Date: 4/6/2022	Analysis Date: 4/7/2022		SeqNo: 3077955		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.0		5.000		101	51.1	141			

Sample ID: MB-66673	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 66673		RunNo: 87063							
Prep Date: 4/6/2022	Analysis Date: 4/7/2022		SeqNo: 3077956		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.4		10.00		94.0	51.1	141			

Sample ID: LCS-66706	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 66706		RunNo: 87134							
Prep Date: 4/7/2022	Analysis Date: 4/8/2022		SeqNo: 3080858		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		88.4	51.1	141			

Sample ID: MB-66706	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 66706		RunNo: 87134							
Prep Date: 4/7/2022	Analysis Date: 4/8/2022		SeqNo: 3080859		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.9		10.00		89.1	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204067

13-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: lcs-66613	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 66613		RunNo: 87013							
Prep Date: 4/4/2022	Analysis Date: 4/6/2022		SeqNo: 3074581		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137			
Surr: BFB	2300		1000		228	37.7	212			S

Sample ID: mb-66613	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 66613		RunNo: 87013							
Prep Date: 4/4/2022	Analysis Date: 4/6/2022		SeqNo: 3074582		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		102	37.7	212			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204067

13-Apr-22

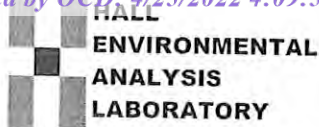
Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: lcs-66613	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 66613		RunNo: 87013							
Prep Date: 4/4/2022	Analysis Date: 4/6/2022		SeqNo: 3074630		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.87	0.10	1.000	0	87.3	80	120			
Benzene	0.91	0.025	1.000	0	91.3	80	120			
Toluene	0.93	0.050	1.000	0	92.7	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.7	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.6	70	130			

Sample ID: mb-66613	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 66613		RunNo: 87013							
Prep Date: 4/4/2022	Analysis Date: 4/6/2022		SeqNo: 3074631		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		84.6	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		



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: GHD Midland

Work Order Number: 2204067

RcptNo: 1

Received By: Tracy Casarrubias 4/2/2022 10:00:00 AM

Completed By: Tracy Casarrubias 4/2/2022 1:30:59 PM

Reviewed By: *See 4/4/22*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 of $>0^{\circ}\text{C}$ 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) properly 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 ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. 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: *KPG 4/4/22*

Special Handling (if applicable)

15. 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: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.7	Good	Yes			
2	3.3	Good	Yes			



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

April 12, 2022

Tom Larson
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX

RE: Gumby BAG Federal 1

OrderNo.: 2204066

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 27 sample(s) on 4/2/2022 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 #NM0901

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

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-33

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 8:00:00 AM

Lab ID: 2204066-001

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	260	60		mg/Kg	20	4/8/2022 1:34:48 AM	66705
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/6/2022 10:00:21 PM	66635
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/6/2022 10:00:21 PM	66635
Surr: DNOP	76.0	51.1-141		%Rec	1	4/6/2022 10:00:21 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/5/2022 3:16:47 PM	66608
Surr: BFB	97.4	37.7-212		%Rec	1	4/5/2022 3:16:47 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	4/5/2022 3:16:47 PM	66608
Benzene	ND	0.023		mg/Kg	1	4/5/2022 3:16:47 PM	66608
Toluene	ND	0.047		mg/Kg	1	4/5/2022 3:16:47 PM	66608
Ethylbenzene	ND	0.047		mg/Kg	1	4/5/2022 3:16:47 PM	66608
Xylenes, Total	ND	0.094		mg/Kg	1	4/5/2022 3:16:47 PM	66608
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	4/5/2022 3:16:47 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-34

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 8:05:00 AM

Lab ID: 2204066-002

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	120	60		mg/Kg	20	4/7/2022 6:18:07 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/6/2022 10:10:56 PM	66635
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/6/2022 10:10:56 PM	66635
Surr: DNOP	74.2	51.1-141		%Rec	1	4/6/2022 10:10:56 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/5/2022 5:38:04 PM	66608
Surr: BFB	96.4	37.7-212		%Rec	1	4/5/2022 5:38:04 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.095		mg/Kg	1	4/5/2022 5:38:04 PM	66608
Benzene	ND	0.024		mg/Kg	1	4/5/2022 5:38:04 PM	66608
Toluene	ND	0.047		mg/Kg	1	4/5/2022 5:38:04 PM	66608
Ethylbenzene	ND	0.047		mg/Kg	1	4/5/2022 5:38:04 PM	66608
Xylenes, Total	ND	0.095		mg/Kg	1	4/5/2022 5:38:04 PM	66608
Surr: 4-Bromofluorobenzene	99.6	70-130		%Rec	1	4/5/2022 5:38:04 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-35

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 9:00:00 AM

Lab ID: 2204066-003

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	330	60		mg/Kg	20	4/7/2022 6:30:31 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/6/2022 10:21:30 PM	66635
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/6/2022 10:21:30 PM	66635
Surr: DNOP	70.3	51.1-141		%Rec	1	4/6/2022 10:21:30 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/5/2022 6:01:34 PM	66608
Surr: BFB	97.0	37.7-212		%Rec	1	4/5/2022 6:01:34 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.093		mg/Kg	1	4/5/2022 6:01:34 PM	66608
Benzene	ND	0.023		mg/Kg	1	4/5/2022 6:01:34 PM	66608
Toluene	ND	0.047		mg/Kg	1	4/5/2022 6:01:34 PM	66608
Ethylbenzene	ND	0.047		mg/Kg	1	4/5/2022 6:01:34 PM	66608
Xylenes, Total	ND	0.093		mg/Kg	1	4/5/2022 6:01:34 PM	66608
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	4/5/2022 6:01:34 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-36

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 9:05:00 AM

Lab ID: 2204066-004

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	59		mg/Kg	20	4/7/2022 6:42:55 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/6/2022 10:32:05 PM	66635
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/6/2022 10:32:05 PM	66635
Surr: DNOP	76.6	51.1-141		%Rec	1	4/6/2022 10:32:05 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 6:25:05 PM	66608
Surr: BFB	101	37.7-212		%Rec	1	4/5/2022 6:25:05 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.099		mg/Kg	1	4/5/2022 6:25:05 PM	66608
Benzene	ND	0.025		mg/Kg	1	4/5/2022 6:25:05 PM	66608
Toluene	ND	0.049		mg/Kg	1	4/5/2022 6:25:05 PM	66608
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 6:25:05 PM	66608
Xylenes, Total	ND	0.099		mg/Kg	1	4/5/2022 6:25:05 PM	66608
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/5/2022 6:25:05 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-37

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 9:10:00 AM

Lab ID: 2204066-005

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	150	60		mg/Kg	20	4/7/2022 6:55:20 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/6/2022 10:42:40 PM	66635
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/6/2022 10:42:40 PM	66635
Surr: DNOP	75.6	51.1-141		%Rec	1	4/6/2022 10:42:40 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/5/2022 6:48:44 PM	66608
Surr: BFB	97.2	37.7-212		%Rec	1	4/5/2022 6:48:44 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	4/5/2022 6:48:44 PM	66608
Benzene	ND	0.025		mg/Kg	1	4/5/2022 6:48:44 PM	66608
Toluene	ND	0.050		mg/Kg	1	4/5/2022 6:48:44 PM	66608
Ethylbenzene	ND	0.050		mg/Kg	1	4/5/2022 6:48:44 PM	66608
Xylenes, Total	ND	0.10		mg/Kg	1	4/5/2022 6:48:44 PM	66608
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	4/5/2022 6:48:44 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-38

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 9:15:00 AM

Lab ID: 2204066-006

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	390	60		mg/Kg	20	4/7/2022 7:07:44 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/6/2022 10:53:16 PM	66635
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/6/2022 10:53:16 PM	66635
Surr: DNOP	73.3	51.1-141		%Rec	1	4/6/2022 10:53:16 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 7:12:33 PM	66608
Surr: BFB	98.0	37.7-212		%Rec	1	4/5/2022 7:12:33 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	4/5/2022 7:12:33 PM	66608
Benzene	ND	0.024		mg/Kg	1	4/5/2022 7:12:33 PM	66608
Toluene	ND	0.049		mg/Kg	1	4/5/2022 7:12:33 PM	66608
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 7:12:33 PM	66608
Xylenes, Total	ND	0.098		mg/Kg	1	4/5/2022 7:12:33 PM	66608
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	4/5/2022 7:12:33 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-39

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 9:20:00 AM

Lab ID: 2204066-007

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	200	59		mg/Kg	20	4/7/2022 7:44:56 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/6/2022 11:03:51 PM	66635
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/6/2022 11:03:51 PM	66635
Surr: DNOP	75.1	51.1-141		%Rec	1	4/6/2022 11:03:51 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/5/2022 7:35:59 PM	66608
Surr: BFB	100	37.7-212		%Rec	1	4/5/2022 7:35:59 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.096		mg/Kg	1	4/5/2022 7:35:59 PM	66608
Benzene	ND	0.024		mg/Kg	1	4/5/2022 7:35:59 PM	66608
Toluene	ND	0.048		mg/Kg	1	4/5/2022 7:35:59 PM	66608
Ethylbenzene	ND	0.048		mg/Kg	1	4/5/2022 7:35:59 PM	66608
Xylenes, Total	ND	0.096		mg/Kg	1	4/5/2022 7:35:59 PM	66608
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/5/2022 7:35:59 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-40

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 10:00:00 AM

Lab ID: 2204066-008

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	330	60		mg/Kg	20	4/7/2022 8:22:09 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/6/2022 11:14:28 PM	66635
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/6/2022 11:14:28 PM	66635
Surr: DNOP	75.6	51.1-141		%Rec	1	4/6/2022 11:14:28 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 7:59:26 PM	66608
Surr: BFB	96.4	37.7-212		%Rec	1	4/5/2022 7:59:26 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	4/5/2022 7:59:26 PM	66608
Benzene	ND	0.025		mg/Kg	1	4/5/2022 7:59:26 PM	66608
Toluene	ND	0.049		mg/Kg	1	4/5/2022 7:59:26 PM	66608
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 7:59:26 PM	66608
Xylenes, Total	ND	0.098		mg/Kg	1	4/5/2022 7:59:26 PM	66608
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	4/5/2022 7:59:26 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-41

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 10:05:00 AM

Lab ID: 2204066-009

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	360	60		mg/Kg	20	4/7/2022 8:34:33 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/6/2022 11:25:05 PM	66635
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/6/2022 11:25:05 PM	66635
Surr: DNOP	66.9	51.1-141		%Rec	1	4/6/2022 11:25:05 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/5/2022 8:22:55 PM	66608
Surr: BFB	95.2	37.7-212		%Rec	1	4/5/2022 8:22:55 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	4/5/2022 8:22:55 PM	66608
Benzene	ND	0.024		mg/Kg	1	4/5/2022 8:22:55 PM	66608
Toluene	ND	0.048		mg/Kg	1	4/5/2022 8:22:55 PM	66608
Ethylbenzene	ND	0.048		mg/Kg	1	4/5/2022 8:22:55 PM	66608
Xylenes, Total	ND	0.097		mg/Kg	1	4/5/2022 8:22:55 PM	66608
Surr: 4-Bromofluorobenzene	99.6	70-130		%Rec	1	4/5/2022 8:22:55 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-42

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 10:10:00 AM

Lab ID: 2204066-010

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	220	60		mg/Kg	20	4/7/2022 9:11:46 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	4/6/2022 11:35:43 PM	66635
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/6/2022 11:35:43 PM	66635
Surr: DNOP	67.2	51.1-141		%Rec	1	4/6/2022 11:35:43 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/5/2022 8:46:24 PM	66608
Surr: BFB	101	37.7-212		%Rec	1	4/5/2022 8:46:24 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	4/5/2022 8:46:24 PM	66608
Benzene	ND	0.023		mg/Kg	1	4/5/2022 8:46:24 PM	66608
Toluene	ND	0.047		mg/Kg	1	4/5/2022 8:46:24 PM	66608
Ethylbenzene	ND	0.047		mg/Kg	1	4/5/2022 8:46:24 PM	66608
Xylenes, Total	ND	0.094		mg/Kg	1	4/5/2022 8:46:24 PM	66608
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/5/2022 8:46:24 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-43

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 10:15:00 AM

Lab ID: 2204066-011

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	350	60		mg/Kg	20	4/7/2022 9:24:10 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/6/2022 11:46:31 PM	66635
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/6/2022 11:46:31 PM	66635
Surr: DNOP	72.8	51.1-141		%Rec	1	4/6/2022 11:46:31 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 9:10:04 PM	66608
Surr: BFB	97.0	37.7-212		%Rec	1	4/5/2022 9:10:04 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	4/5/2022 9:10:04 PM	66608
Benzene	ND	0.025		mg/Kg	1	4/5/2022 9:10:04 PM	66608
Toluene	ND	0.049		mg/Kg	1	4/5/2022 9:10:04 PM	66608
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 9:10:04 PM	66608
Xylenes, Total	ND	0.098		mg/Kg	1	4/5/2022 9:10:04 PM	66608
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	4/5/2022 9:10:04 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-44

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 11:00:00 AM

Lab ID: 2204066-012

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	110	60		mg/Kg	20	4/7/2022 9:36:35 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/6/2022 11:57:18 PM	66635
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/6/2022 11:57:18 PM	66635
Surr: DNOP	62.2	51.1-141		%Rec	1	4/6/2022 11:57:18 PM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/5/2022 10:20:47 PM	66608
Surr: BFB	102	37.7-212		%Rec	1	4/5/2022 10:20:47 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	4/5/2022 10:20:47 PM	66608
Benzene	ND	0.024		mg/Kg	1	4/5/2022 10:20:47 PM	66608
Toluene	ND	0.047		mg/Kg	1	4/5/2022 10:20:47 PM	66608
Ethylbenzene	ND	0.047		mg/Kg	1	4/5/2022 10:20:47 PM	66608
Xylenes, Total	ND	0.094		mg/Kg	1	4/5/2022 10:20:47 PM	66608
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/5/2022 10:20:47 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-45

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 11:05:00 AM

Lab ID: 2204066-013

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	130	60		mg/Kg	20	4/7/2022 9:48:59 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/7/2022 12:08:03 AM	66635
Motor Oil Range Organics (MRO)	ND	51		mg/Kg	1	4/7/2022 12:08:03 AM	66635
Surr: DNOP	67.3	51.1-141		%Rec	1	4/7/2022 12:08:03 AM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 10:44:15 PM	66608
Surr: BFB	102	37.7-212		%Rec	1	4/5/2022 10:44:15 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.099		mg/Kg	1	4/5/2022 10:44:15 PM	66608
Benzene	ND	0.025		mg/Kg	1	4/5/2022 10:44:15 PM	66608
Toluene	ND	0.049		mg/Kg	1	4/5/2022 10:44:15 PM	66608
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 10:44:15 PM	66608
Xylenes, Total	ND	0.099		mg/Kg	1	4/5/2022 10:44:15 PM	66608
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/5/2022 10:44:15 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-46

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 11:10:00 AM

Lab ID: 2204066-014

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	270	60		mg/Kg	20	4/7/2022 10:01:23 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	4/7/2022 12:18:48 AM	66635
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/7/2022 12:18:48 AM	66635
Surr: DNOP	64.1	51.1-141		%Rec	1	4/7/2022 12:18:48 AM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/5/2022 11:07:42 PM	66608
Surr: BFB	99.2	37.7-212		%Rec	1	4/5/2022 11:07:42 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	4/5/2022 11:07:42 PM	66608
Benzene	ND	0.024		mg/Kg	1	4/5/2022 11:07:42 PM	66608
Toluene	ND	0.048		mg/Kg	1	4/5/2022 11:07:42 PM	66608
Ethylbenzene	ND	0.048		mg/Kg	1	4/5/2022 11:07:42 PM	66608
Xylenes, Total	ND	0.097		mg/Kg	1	4/5/2022 11:07:42 PM	66608
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/5/2022 11:07:42 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-47

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 11:15:00 AM

Lab ID: 2204066-015

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	250	60		mg/Kg	20	4/7/2022 10:13:48 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	4/7/2022 12:29:32 AM	66635
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/7/2022 12:29:32 AM	66635
Surr: DNOP	71.2	51.1-141		%Rec	1	4/7/2022 12:29:32 AM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 11:31:22 PM	66608
Surr: BFB	98.5	37.7-212		%Rec	1	4/5/2022 11:31:22 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	4/5/2022 11:31:22 PM	66608
Benzene	ND	0.025		mg/Kg	1	4/5/2022 11:31:22 PM	66608
Toluene	ND	0.049		mg/Kg	1	4/5/2022 11:31:22 PM	66608
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 11:31:22 PM	66608
Xylenes, Total	ND	0.098		mg/Kg	1	4/5/2022 11:31:22 PM	66608
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	4/5/2022 11:31:22 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-48

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 11:20:00 AM

Lab ID: 2204066-016

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	180	60		mg/Kg	20	4/7/2022 10:51:01 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	13	9.8		mg/Kg	1	4/7/2022 12:40:13 AM	66635
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2022 12:40:13 AM	66635
Surr: DNOP	66.8	51.1-141		%Rec	1	4/7/2022 12:40:13 AM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/5/2022 11:55:03 PM	66608
Surr: BFB	94.7	37.7-212		%Rec	1	4/5/2022 11:55:03 PM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	4/5/2022 11:55:03 PM	66608
Benzene	ND	0.024		mg/Kg	1	4/5/2022 11:55:03 PM	66608
Toluene	ND	0.049		mg/Kg	1	4/5/2022 11:55:03 PM	66608
Ethylbenzene	ND	0.049		mg/Kg	1	4/5/2022 11:55:03 PM	66608
Xylenes, Total	ND	0.098		mg/Kg	1	4/5/2022 11:55:03 PM	66608
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	4/5/2022 11:55:03 PM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-49

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 11:25:00 AM

Lab ID: 2204066-017

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	120	60		mg/Kg	20	4/7/2022 11:03:25 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/7/2022 12:50:53 AM	66635
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/7/2022 12:50:53 AM	66635
Surr: DNOP	66.7	51.1-141		%Rec	1	4/7/2022 12:50:53 AM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/6/2022 12:18:47 AM	66608
Surr: BFB	98.1	37.7-212		%Rec	1	4/6/2022 12:18:47 AM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.096		mg/Kg	1	4/6/2022 12:18:47 AM	66608
Benzene	ND	0.024		mg/Kg	1	4/6/2022 12:18:47 AM	66608
Toluene	ND	0.048		mg/Kg	1	4/6/2022 12:18:47 AM	66608
Ethylbenzene	ND	0.048		mg/Kg	1	4/6/2022 12:18:47 AM	66608
Xylenes, Total	ND	0.096		mg/Kg	1	4/6/2022 12:18:47 AM	66608
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	4/6/2022 12:18:47 AM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-50

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 11:30:00 AM

Lab ID: 2204066-018

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	300	60		mg/Kg	20	4/7/2022 11:15:49 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	10	9.9		mg/Kg	1	4/7/2022 1:01:34 AM	66635
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2022 1:01:34 AM	66635
Surr: DNOP	58.6	51.1-141		%Rec	1	4/7/2022 1:01:34 AM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/6/2022 12:42:21 AM	66608
Surr: BFB	100	37.7-212		%Rec	1	4/6/2022 12:42:21 AM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.096		mg/Kg	1	4/6/2022 12:42:21 AM	66608
Benzene	ND	0.024		mg/Kg	1	4/6/2022 12:42:21 AM	66608
Toluene	ND	0.048		mg/Kg	1	4/6/2022 12:42:21 AM	66608
Ethylbenzene	ND	0.048		mg/Kg	1	4/6/2022 12:42:21 AM	66608
Xylenes, Total	ND	0.096		mg/Kg	1	4/6/2022 12:42:21 AM	66608
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/6/2022 12:42:21 AM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-51

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 11:35:00 AM

Lab ID: 2204066-019

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	440	60		mg/Kg	20	4/7/2022 11:28:14 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/7/2022 1:12:12 AM	66635
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/7/2022 1:12:12 AM	66635
Surr: DNOP	62.4	51.1-141		%Rec	1	4/7/2022 1:12:12 AM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/6/2022 1:06:00 AM	66608
Surr: BFB	98.0	37.7-212		%Rec	1	4/6/2022 1:06:00 AM	66608
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	4/6/2022 1:06:00 AM	66608
Benzene	ND	0.024		mg/Kg	1	4/6/2022 1:06:00 AM	66608
Toluene	ND	0.049		mg/Kg	1	4/6/2022 1:06:00 AM	66608
Ethylbenzene	ND	0.049		mg/Kg	1	4/6/2022 1:06:00 AM	66608
Xylenes, Total	ND	0.098		mg/Kg	1	4/6/2022 1:06:00 AM	66608
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	4/6/2022 1:06:00 AM	66608

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-10

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 11:40:00 AM

Lab ID: 2204066-020

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	270	60		mg/Kg	20	4/7/2022 11:40:38 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/7/2022 1:22:49 AM	66635
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2022 1:22:49 AM	66635
Surr: DNOP	54.8	51.1-141		%Rec	1	4/7/2022 1:22:49 AM	66635
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/6/2022 2:08:00 AM	66613
Surr: BFB	96.7	37.7-212		%Rec	1	4/6/2022 2:08:00 AM	66613
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	4/6/2022 2:08:00 AM	66613
Benzene	ND	0.024		mg/Kg	1	4/6/2022 2:08:00 AM	66613
Toluene	ND	0.048		mg/Kg	1	4/6/2022 2:08:00 AM	66613
Ethylbenzene	ND	0.048		mg/Kg	1	4/6/2022 2:08:00 AM	66613
Xylenes, Total	ND	0.097		mg/Kg	1	4/6/2022 2:08:00 AM	66613
Surr: 4-Bromofluorobenzene	80.1	70-130		%Rec	1	4/6/2022 2:08:00 AM	66613

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-11

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 1:00:00 PM

Lab ID: 2204066-021

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	77	60		mg/Kg	20	4/7/2022 11:53:02 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	4/6/2022 1:30:14 PM	66640
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/6/2022 1:30:14 PM	66640
Surr: DNOP	67.0	51.1-141		%Rec	1	4/6/2022 1:30:14 PM	66640
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/6/2022 3:08:00 AM	66613
Surr: BFB	103	37.7-212		%Rec	1	4/6/2022 3:08:00 AM	66613
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.099		mg/Kg	1	4/6/2022 3:08:00 AM	66613
Benzene	ND	0.025		mg/Kg	1	4/6/2022 3:08:00 AM	66613
Toluene	ND	0.049		mg/Kg	1	4/6/2022 3:08:00 AM	66613
Ethylbenzene	ND	0.049		mg/Kg	1	4/6/2022 3:08:00 AM	66613
Xylenes, Total	ND	0.099		mg/Kg	1	4/6/2022 3:08:00 AM	66613
Surr: 4-Bromofluorobenzene	84.4	70-130		%Rec	1	4/6/2022 3:08:00 AM	66613

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-12

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 1:05:00 PM

Lab ID: 2204066-022

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	110	59		mg/Kg	20	4/8/2022 1:34:53 PM	66731
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/6/2022 2:42:49 PM	66640
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/6/2022 2:42:49 PM	66640
Surr: DNOP	75.5	51.1-141		%Rec	1	4/6/2022 2:42:49 PM	66640
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/6/2022 4:07:00 AM	66613
Surr: BFB	101	37.7-212		%Rec	1	4/6/2022 4:07:00 AM	66613
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	4/6/2022 4:07:00 AM	66613
Benzene	ND	0.024		mg/Kg	1	4/6/2022 4:07:00 AM	66613
Toluene	ND	0.049		mg/Kg	1	4/6/2022 4:07:00 AM	66613
Ethylbenzene	ND	0.049		mg/Kg	1	4/6/2022 4:07:00 AM	66613
Xylenes, Total	ND	0.097		mg/Kg	1	4/6/2022 4:07:00 AM	66613
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	4/6/2022 4:07:00 AM	66613

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-13

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 1:10:00 PM

Lab ID: 2204066-023

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	130	60		mg/Kg	20	4/8/2022 2:12:07 PM	66731
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/6/2022 3:06:53 PM	66640
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/6/2022 3:06:53 PM	66640
Surr: DNOP	117	51.1-141		%Rec	1	4/6/2022 3:06:53 PM	66640
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/6/2022 4:27:00 AM	66613
Surr: BFB	107	37.7-212		%Rec	1	4/6/2022 4:27:00 AM	66613
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.099		mg/Kg	1	4/6/2022 4:27:00 AM	66613
Benzene	ND	0.025		mg/Kg	1	4/6/2022 4:27:00 AM	66613
Toluene	ND	0.050		mg/Kg	1	4/6/2022 4:27:00 AM	66613
Ethylbenzene	ND	0.050		mg/Kg	1	4/6/2022 4:27:00 AM	66613
Xylenes, Total	ND	0.099		mg/Kg	1	4/6/2022 4:27:00 AM	66613
Surr: 4-Bromofluorobenzene	85.0	70-130		%Rec	1	4/6/2022 4:27:00 AM	66613

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-14

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 1:15:00 PM

Lab ID: 2204066-024

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	120	60		mg/Kg	20	4/8/2022 2:24:31 PM	66731
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/6/2022 3:31:01 PM	66640
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/6/2022 3:31:01 PM	66640
Surr: DNOP	103	51.1-141		%Rec	1	4/6/2022 3:31:01 PM	66640
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/6/2022 4:47:00 AM	66613
Surr: BFB	100	37.7-212		%Rec	1	4/6/2022 4:47:00 AM	66613
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.099		mg/Kg	1	4/6/2022 4:47:00 AM	66613
Benzene	ND	0.025		mg/Kg	1	4/6/2022 4:47:00 AM	66613
Toluene	ND	0.049		mg/Kg	1	4/6/2022 4:47:00 AM	66613
Ethylbenzene	ND	0.049		mg/Kg	1	4/6/2022 4:47:00 AM	66613
Xylenes, Total	ND	0.099		mg/Kg	1	4/6/2022 4:47:00 AM	66613
Surr: 4-Bromofluorobenzene	84.4	70-130		%Rec	1	4/6/2022 4:47:00 AM	66613

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-15

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 1:20:00 PM

Lab ID: 2204066-025

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	130	60		mg/Kg	20	4/8/2022 2:36:55 PM	66731
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/6/2022 3:55:15 PM	66640
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/6/2022 3:55:15 PM	66640
Surr: DNOP	83.7	51.1-141		%Rec	1	4/6/2022 3:55:15 PM	66640
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/6/2022 5:06:00 AM	66613
Surr: BFB	102	37.7-212		%Rec	1	4/6/2022 5:06:00 AM	66613
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.096		mg/Kg	1	4/6/2022 5:06:00 AM	66613
Benzene	ND	0.024		mg/Kg	1	4/6/2022 5:06:00 AM	66613
Toluene	ND	0.048		mg/Kg	1	4/6/2022 5:06:00 AM	66613
Ethylbenzene	ND	0.048		mg/Kg	1	4/6/2022 5:06:00 AM	66613
Xylenes, Total	ND	0.096		mg/Kg	1	4/6/2022 5:06:00 AM	66613
Surr: 4-Bromofluorobenzene	83.5	70-130		%Rec	1	4/6/2022 5:06:00 AM	66613

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-16

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 1:25:00 PM

Lab ID: 2204066-026

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	88	61		mg/Kg	20	4/8/2022 2:49:20 PM	66731
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/6/2022 4:19:31 PM	66640
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/6/2022 4:19:31 PM	66640
Surr: DNOP	83.8	51.1-141		%Rec	1	4/6/2022 4:19:31 PM	66640
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/6/2022 5:26:00 AM	66613
Surr: BFB	99.2	37.7-212		%Rec	1	4/6/2022 5:26:00 AM	66613
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.091		mg/Kg	1	4/6/2022 5:26:00 AM	66613
Benzene	ND	0.023		mg/Kg	1	4/6/2022 5:26:00 AM	66613
Toluene	ND	0.046		mg/Kg	1	4/6/2022 5:26:00 AM	66613
Ethylbenzene	ND	0.046		mg/Kg	1	4/6/2022 5:26:00 AM	66613
Xylenes, Total	ND	0.091		mg/Kg	1	4/6/2022 5:26:00 AM	66613
Surr: 4-Bromofluorobenzene	83.8	70-130		%Rec	1	4/6/2022 5:26:00 AM	66613

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Analytical Report

Lab Order 2204066

Date Reported: 4/12/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-17

Project: Gumby BAG Federal 1

Collection Date: 3/31/2022 1:30:00 PM

Lab ID: 2204066-027

Matrix: SOIL

Received Date: 4/2/2022 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	120	60		mg/Kg	20	4/8/2022 3:01:45 PM	66731
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/6/2022 4:43:46 PM	66640
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/6/2022 4:43:46 PM	66640
Surr: DNOP	81.9	51.1-141		%Rec	1	4/6/2022 4:43:46 PM	66640
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/6/2022 5:46:00 AM	66613
Surr: BFB	105	37.7-212		%Rec	1	4/6/2022 5:46:00 AM	66613
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	4/6/2022 5:46:00 AM	66613
Benzene	ND	0.024		mg/Kg	1	4/6/2022 5:46:00 AM	66613
Toluene	ND	0.047		mg/Kg	1	4/6/2022 5:46:00 AM	66613
Ethylbenzene	ND	0.047		mg/Kg	1	4/6/2022 5:46:00 AM	66613
Xylenes, Total	ND	0.094		mg/Kg	1	4/6/2022 5:46:00 AM	66613
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	4/6/2022 5:46:00 AM	66613

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204066

12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66705	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66705	RunNo: 87092								
Prep Date: 4/7/2022	Analysis Date: 4/7/2022	SeqNo: 3078859 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66705	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66705	RunNo: 87092								
Prep Date: 4/7/2022	Analysis Date: 4/7/2022	SeqNo: 3078860 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.0	90	110			

Sample ID: MB-66718	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66718	RunNo: 87098								
Prep Date: 4/7/2022	Analysis Date: 4/7/2022	SeqNo: 3079223 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66718	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66718	RunNo: 87098								
Prep Date: 4/7/2022	Analysis Date: 4/7/2022	SeqNo: 3079224 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.8	90	110			

Sample ID: MB-66731	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66731	RunNo: 87136								
Prep Date: 4/8/2022	Analysis Date: 4/8/2022	SeqNo: 3080929 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66731	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66731	RunNo: 87136								
Prep Date: 4/8/2022	Analysis Date: 4/8/2022	SeqNo: 3080930 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.2	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204066

12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: 2204066-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH-33	Batch ID: 66635	RunNo: 87034								
Prep Date: 4/5/2022	Analysis Date: 4/7/2022	SeqNo: 3077276 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	9.7	48.45	6.886	70.4	36.1	154			
Surr: DNOP	3.4		4.845		70.6	51.1	141			

Sample ID: 2204066-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH-33	Batch ID: 66635	RunNo: 87034								
Prep Date: 4/5/2022	Analysis Date: 4/7/2022	SeqNo: 3077277 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	9.9	49.55	6.886	75.0	36.1	154	7.18	33.9	
Surr: DNOP	3.6		4.955		72.3	51.1	141	0	0	

Sample ID: LCS-66635	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66635	RunNo: 87034								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3077298 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	79.6	68.9	135			
Surr: DNOP	4.3		5.000		86.3	51.1	141			

Sample ID: MB-66635	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66635	RunNo: 87034								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3077300 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	8.3		10.00		83.5	51.1	141			

Sample ID: 2204066-021AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-11	Batch ID: 66640	RunNo: 87063								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3077449 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	37	9.7	48.26	0	76.0	36.1	154	15.0	33.9	
Surr: DNOP	3.3		4.826		68.4	51.1	141	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204066

12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: 2204066-021AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SW-11	Batch ID: 66640	RunNo: 87063								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3077451 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.3	46.60	0	91.5	36.1	154			
Surr: DNOP	4.2		4.660		89.8	51.1	141			

Sample ID: LCS-66640	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66640	RunNo: 87063								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3077500 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	96.0	68.9	135			
Surr: DNOP	4.7		5.000		94.6	51.1	141			

Sample ID: MB-66640	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66640	RunNo: 87063								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3077502 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	9.5		10.00		95.2	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204066

12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: mb-66608	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 66608				RunNo: 87012					
Prep Date: 4/4/2022	Analysis Date: 4/5/2022				SeqNo: 3074452	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		104	37.7	212			

Sample ID: lcs-66608	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 66608				RunNo: 87012					
Prep Date: 4/4/2022	Analysis Date: 4/5/2022				SeqNo: 3074453	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137			
Surr: BFB	2100		1000		215	37.7	212			S

Sample ID: lcs-66613	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 66613				RunNo: 87013					
Prep Date: 4/4/2022	Analysis Date: 4/6/2022				SeqNo: 3074581	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137			
Surr: BFB	2300		1000		228	37.7	212			S

Sample ID: mb-66613	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 66613				RunNo: 87013					
Prep Date: 4/4/2022	Analysis Date: 4/6/2022				SeqNo: 3074582	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		102	37.7	212			

Sample ID: 2204066-020ams	SampType: MS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: SW-10	Batch ID: 66613				RunNo: 87013					
Prep Date: 4/4/2022	Analysis Date: 4/6/2022				SeqNo: 3074586	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	30	4.8	24.20	0	123	70	130			
Surr: BFB	2200		968.1		232	37.7	212			S

Sample ID: 2204066-020amsd	SampType: MSD				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: SW-10	Batch ID: 66613				RunNo: 87013					
Prep Date: 4/4/2022	Analysis Date: 4/6/2022				SeqNo: 3074587	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2204066
12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: 2204066-020amsd		SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range						
Client ID: SW-10		Batch ID: 66613		RunNo: 87013						
Prep Date: 4/4/2022		Analysis Date: 4/6/2022		SeqNo: 3074587		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.8	24.22	0	114	70	130	7.38	20	
Surr: BFB	2200		969.0		232	37.7	212	0	0	S

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 interference
- B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204066

12-Apr-22

Client: GHD Midland**Project:** Gumby BAG Federal 1

Sample ID: mb-66608	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66608	RunNo: 87012								
Prep Date: 4/4/2022	Analysis Date: 4/5/2022	SeqNo: 3074499 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: LCS-66608	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66608	RunNo: 87012								
Prep Date: 4/4/2022	Analysis Date: 4/5/2022	SeqNo: 3074500 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.90	0.10	1.000	0	90.4	80	120			
Benzene	0.91	0.025	1.000	0	90.6	80	120			
Toluene	0.93	0.050	1.000	0	93.3	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.4	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.4	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		105	70	130			

Sample ID: 2204066-001ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-33	Batch ID: 66608	RunNo: 87012								
Prep Date: 4/4/2022	Analysis Date: 4/5/2022	SeqNo: 3074503 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.91	0.099	0.9940	0	91.1	61.5	113			
Benzene	0.92	0.025	0.9940	0	92.9	68.8	120			
Toluene	0.96	0.050	0.9940	0	96.7	73.6	124			
Ethylbenzene	0.98	0.050	0.9940	0	98.5	72.7	129			
Xylenes, Total	3.0	0.099	2.982	0	99.6	75.7	126			
Surr: 4-Bromofluorobenzene	1.0		0.9940		101	70	130			

Sample ID: 2204066-001amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-33	Batch ID: 66608	RunNo: 87012								
Prep Date: 4/4/2022	Analysis Date: 4/5/2022	SeqNo: 3074504 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.90	0.10	0.9990	0	90.5	61.5	113	0.152	20	
Benzene	0.93	0.025	0.9990	0	92.6	68.8	120	0.175	20	
Toluene	0.96	0.050	0.9990	0	95.9	73.6	124	0.311	20	
Ethylbenzene	0.98	0.050	0.9990	0	98.5	72.7	129	0.508	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204066

12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: 2204066-001amsd		SampType: MSD		TestCode: EPA Method 8021B: Volatiles						
Client ID: BH-33		Batch ID: 66608		RunNo: 87012						
Prep Date: 4/4/2022		Analysis Date: 4/5/2022		SeqNo: 3074504		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total	3.0	0.10	2.997	0	98.8	75.7	126	0.281	20	
Surr: 4-Bromofluorobenzene	1.0		0.9990		103	70	130	0	0	

Sample ID: lcs-66613		SampType: LCS		TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS		Batch ID: 66613			RunNo: 87013					
Prep Date: 4/4/2022		Analysis Date: 4/6/2022			SeqNo: 3074630		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.87	0.10	1.000	0	87.3	80	120			
Benzene	0.91	0.025	1.000	0	91.3	80	120			
Toluene	0.93	0.050	1.000	0	92.7	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.1	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.7	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.6	70	130			

Sample ID: mb-66613		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS		Batch ID: 66613		RunNo: 87013						
Prep Date: 4/4/2022		Analysis Date: 4/6/2022		SeqNo: 3074631			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		84.6	70	130			

Sample ID: 2204066-021ams		SampType: MS		TestCode: EPA Method 8021B: Volatiles						
Client ID: SW-11		Batch ID: 66613		RunNo: 87013						
Prep Date: 4/4/2022		Analysis Date: 4/6/2022		SeqNo: 3074636			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.86	0.099	0.9881	0	86.6	61.5	113			
Benzene	0.91	0.025	0.9881	0	91.7	68.8	120			
Toluene	0.93	0.049	0.9881	0	93.9	73.6	124			
Ethylbenzene	0.94	0.049	0.9881	0	94.9	72.7	129			
Xylenes, Total	2.8	0.099	2.964	0	94.7	75.7	126			
Surr: 4-Bromofluorobenzene	0.82		0.9881		82.5	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204066

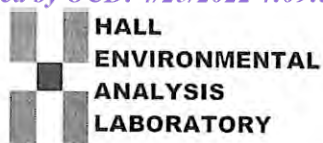
12-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: 2204066-021amsd		SampType: MSD		TestCode: EPA Method 8021B: Volatiles						
Client ID: SW-11		Batch ID: 66613		RunNo: 87013						
Prep Date: 4/4/2022		Analysis Date: 4/6/2022		SeqNo: 3074637		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.82	0.099	0.9852	0	82.9	61.5	113	4.65	20	
Benzene	0.91	0.025	0.9852	0	92.1	68.8	120	0.192	20	
Toluene	0.93	0.049	0.9852	0	94.3	73.6	124	0.130	20	
Ethylbenzene	0.94	0.049	0.9852	0	95.5	72.7	129	0.263	20	
Xylenes, Total	2.8	0.099	2.956	0	94.9	75.7	126	0.0443	20	
Surr: 4-Bromofluorobenzene	0.82		0.9852		83.0	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		



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: GHD Midland

Work Order Number: 2204066

RcptNo: 1

Received By: Tracy Casarrubias 4/2/2022 10:00:00 AM

Completed By: Tracy Casarrubias 4/2/2022 1:07:09 PM

Reviewed By: *SGC 4/4/22*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 of $>0^{\circ}\text{C}$ 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) properly 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 ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. 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: KPG 4/4/22*

Special Handling (if applicable)

15. 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: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.7	Good	Yes			
2	3.3	Good	Yes			

Chain-of-Custody Record

Client: GHD

Mailing Address:

324 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

email or Fax#: Beckv.Haskell@ghd.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

☒ Standard ☒ Rush 5-day

Project Name:

Civility Bldg Federal #1

Project #:

12563500

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: ☒ Yes ☐ No

of Coolers: 2

Cooler Temp (including CF): 47.8 - 47.8

Container Type and #

Preservative Type

HEAL No.

2204000

Date Time Matrix Sample Name

05/12/1320 S SW-15

05/12/1325 S SW-16

05/12/1330 S SW-17

Date Time Relinquished by:

05/12/2000 Paul Larson

Date Time Relinquished by:

4/1/22 1900 [Signature]

Received by: Via: Date Time

[Signature] 4/1/22 800

Received by: Via: Date Time

[Signature] 4/2/22 1000

Remarks: Please email: Chase_Settle@eogresources.com;

Tom.Larson@ghd.com; Zach.Comino@ghd.com

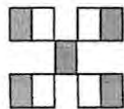
Matthew.Laughlin@ghd.com;

Amber_Griffin@eogresources.com: Along with Becky

Haskell listed above.

Direct Bill to EOG Chase Settle

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.

HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

TPH: 8015B (GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Chloride Method 300

3013



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

April 15, 2022

Tom Larson
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX

RE: Gumby BAG Federal 1

OrderNo.: 2204129

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 20 sample(s) on 4/5/2022 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 #NM0901

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

Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-52

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 8:20:00 AM

Lab ID: 2204129-001

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	200	60		mg/Kg	20	4/11/2022 9:28:27 PM	66767
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/7/2022 8:57:59 PM	66673
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2022 8:57:59 PM	66673
Surr: DNOP	65.7	51.1-141		%Rec	1	4/7/2022 8:57:59 PM	66673
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/7/2022 2:01:37 AM	66652
Surr: BFB	104	37.7-212		%Rec	1	4/7/2022 2:01:37 AM	66652
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	4/7/2022 2:01:37 AM	66652
Benzene	ND	0.024		mg/Kg	1	4/7/2022 2:01:37 AM	66652
Toluene	ND	0.048		mg/Kg	1	4/7/2022 2:01:37 AM	66652
Ethylbenzene	ND	0.048		mg/Kg	1	4/7/2022 2:01:37 AM	66652
Xylenes, Total	ND	0.097		mg/Kg	1	4/7/2022 2:01:37 AM	66652
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	4/7/2022 2:01:37 AM	66652

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 1 of 27

Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-53

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 8:25:00 AM

Lab ID: 2204129-002

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	300	60		mg/Kg	20	4/11/2022 9:40:47 PM	66767
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/8/2022 2:55:34 PM	66673
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/8/2022 2:55:34 PM	66673
Surr: DNOP	72.7	51.1-141		%Rec	1	4/8/2022 2:55:34 PM	66673
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/7/2022 2:25:15 AM	66652
Surr: BFB	96.8	37.7-212		%Rec	1	4/7/2022 2:25:15 AM	66652
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.095		mg/Kg	1	4/7/2022 2:25:15 AM	66652
Benzene	ND	0.024		mg/Kg	1	4/7/2022 2:25:15 AM	66652
Toluene	ND	0.048		mg/Kg	1	4/7/2022 2:25:15 AM	66652
Ethylbenzene	ND	0.048		mg/Kg	1	4/7/2022 2:25:15 AM	66652
Xylenes, Total	ND	0.095		mg/Kg	1	4/7/2022 2:25:15 AM	66652
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	4/7/2022 2:25:15 AM	66652

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-54

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 8:30:00 AM

Lab ID: 2204129-003

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	220	60		mg/Kg	20	4/11/2022 9:53:07 PM	66767
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/7/2022 9:46:30 PM	66673
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2022 9:46:30 PM	66673
Surr: DNOP	59.6	51.1-141		%Rec	1	4/7/2022 9:46:30 PM	66673
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/7/2022 2:48:48 AM	66652
Surr: BFB	98.1	37.7-212		%Rec	1	4/7/2022 2:48:48 AM	66652
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	4/7/2022 2:48:48 AM	66652
Benzene	ND	0.024		mg/Kg	1	4/7/2022 2:48:48 AM	66652
Toluene	ND	0.047		mg/Kg	1	4/7/2022 2:48:48 AM	66652
Ethylbenzene	ND	0.047		mg/Kg	1	4/7/2022 2:48:48 AM	66652
Xylenes, Total	ND	0.094		mg/Kg	1	4/7/2022 2:48:48 AM	66652
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	4/7/2022 2:48:48 AM	66652

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-55

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 9:00:00 AM

Lab ID: 2204129-004

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	150	60		mg/Kg	20	4/11/2022 10:05:28 PM	66675
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/7/2022 8:20:17 PM	66670
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2022 8:20:17 PM	66670
Surr: DNOP	84.0	51.1-141		%Rec	1	4/7/2022 8:20:17 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/7/2022 3:46:00 PM	66675
Surr: BFB	106	37.7-212		%Rec	1	4/7/2022 3:46:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	4/7/2022 3:46:00 PM	66675
Benzene	ND	0.024		mg/Kg	1	4/7/2022 3:46:00 PM	66675
Toluene	ND	0.048		mg/Kg	1	4/7/2022 3:46:00 PM	66675
Ethylbenzene	ND	0.048		mg/Kg	1	4/7/2022 3:46:00 PM	66675
Xylenes, Total	ND	0.097		mg/Kg	1	4/7/2022 3:46:00 PM	66675
Surr: 4-Bromofluorobenzene	85.9	70-130		%Rec	1	4/7/2022 3:46:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-56

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 9:05:00 AM

Lab ID: 2204129-005

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	140	60		mg/Kg	20	4/11/2022 10:17:49 PM	66675
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/7/2022 8:31:02 PM	66670
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2022 8:31:02 PM	66670
Surr: DNOP	87.2	51.1-141		%Rec	1	4/7/2022 8:31:02 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/7/2022 4:45:00 PM	66675
Surr: BFB	101	37.7-212		%Rec	1	4/7/2022 4:45:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.099		mg/Kg	1	4/7/2022 4:45:00 PM	66675
Benzene	ND	0.025		mg/Kg	1	4/7/2022 4:45:00 PM	66675
Toluene	ND	0.049		mg/Kg	1	4/7/2022 4:45:00 PM	66675
Ethylbenzene	ND	0.049		mg/Kg	1	4/7/2022 4:45:00 PM	66675
Xylenes, Total	ND	0.099		mg/Kg	1	4/7/2022 4:45:00 PM	66675
Surr: 4-Bromofluorobenzene	81.0	70-130		%Rec	1	4/7/2022 4:45:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-57

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 9:10:00 AM

Lab ID: 2204129-006

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	110	60		mg/Kg	20	4/11/2022 5:36:47 PM	66678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/7/2022 8:41:46 PM	66670
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2022 8:41:46 PM	66670
Surr: DNOP	91.5	51.1-141		%Rec	1	4/7/2022 8:41:46 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/7/2022 5:44:00 PM	66675
Surr: BFB	99.7	37.7-212		%Rec	1	4/7/2022 5:44:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	4/7/2022 5:44:00 PM	66675
Benzene	ND	0.024		mg/Kg	1	4/7/2022 5:44:00 PM	66675
Toluene	ND	0.047		mg/Kg	1	4/7/2022 5:44:00 PM	66675
Ethylbenzene	ND	0.047		mg/Kg	1	4/7/2022 5:44:00 PM	66675
Xylenes, Total	ND	0.094		mg/Kg	1	4/7/2022 5:44:00 PM	66675
Surr: 4-Bromofluorobenzene	85.1	70-130		%Rec	1	4/7/2022 5:44:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-58

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 9:15:00 AM

Lab ID: 2204129-007

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	130	60		mg/Kg	20	4/11/2022 5:49:11 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/7/2022 8:52:30 PM	66670
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2022 8:52:30 PM	66670
Surr: DNOP	72.7	51.1-141		%Rec	1	4/7/2022 8:52:30 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/7/2022 6:04:00 PM	66675
Surr: BFB	103	37.7-212		%Rec	1	4/7/2022 6:04:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.099		mg/Kg	1	4/7/2022 6:04:00 PM	66675
Benzene	ND	0.025		mg/Kg	1	4/7/2022 6:04:00 PM	66675
Toluene	ND	0.049		mg/Kg	1	4/7/2022 6:04:00 PM	66675
Ethylbenzene	ND	0.049		mg/Kg	1	4/7/2022 6:04:00 PM	66675
Xylenes, Total	ND	0.099		mg/Kg	1	4/7/2022 6:04:00 PM	66675
Surr: 4-Bromofluorobenzene	85.3	70-130		%Rec	1	4/7/2022 6:04:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-59

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 9:20:00 AM

Lab ID: 2204129-008

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	73	60		mg/Kg	20	4/11/2022 6:26:24 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	15	9.5		mg/Kg	1	4/7/2022 9:03:12 PM	66670
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/7/2022 9:03:12 PM	66670
Surr: DNOP	93.8	51.1-141		%Rec	1	4/7/2022 9:03:12 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/7/2022 6:24:00 PM	66675
Surr: BFB	103	37.7-212		%Rec	1	4/7/2022 6:24:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	4/7/2022 6:24:00 PM	66675
Benzene	ND	0.025		mg/Kg	1	4/7/2022 6:24:00 PM	66675
Toluene	ND	0.049		mg/Kg	1	4/7/2022 6:24:00 PM	66675
Ethylbenzene	ND	0.049		mg/Kg	1	4/7/2022 6:24:00 PM	66675
Xylenes, Total	ND	0.098		mg/Kg	1	4/7/2022 6:24:00 PM	66675
Surr: 4-Bromofluorobenzene	85.5	70-130		%Rec	1	4/7/2022 6:24:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-60

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 10:00:00 AM

Lab ID: 2204129-009

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	270	60		mg/Kg	20	4/11/2022 6:38:49 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/7/2022 9:13:56 PM	66670
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/7/2022 9:13:56 PM	66670
Surr: DNOP	83.5	51.1-141		%Rec	1	4/7/2022 9:13:56 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/7/2022 6:43:00 PM	66675
Surr: BFB	100	37.7-212		%Rec	1	4/7/2022 6:43:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.092		mg/Kg	1	4/7/2022 6:43:00 PM	66675
Benzene	ND	0.023		mg/Kg	1	4/7/2022 6:43:00 PM	66675
Toluene	ND	0.046		mg/Kg	1	4/7/2022 6:43:00 PM	66675
Ethylbenzene	ND	0.046		mg/Kg	1	4/7/2022 6:43:00 PM	66675
Xylenes, Total	ND	0.092		mg/Kg	1	4/7/2022 6:43:00 PM	66675
Surr: 4-Bromofluorobenzene	82.7	70-130		%Rec	1	4/7/2022 6:43:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-61

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 10:05:00 AM

Lab ID: 2204129-010

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	170	61		mg/Kg	20	4/11/2022 6:51:13 PM	66678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	13	9.8		mg/Kg	1	4/7/2022 9:24:39 PM	66670
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/7/2022 9:24:39 PM	66670
Surr: DNOP	75.1	51.1-141		%Rec	1	4/7/2022 9:24:39 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/7/2022 7:03:00 PM	66675
Surr: BFB	103	37.7-212		%Rec	1	4/7/2022 7:03:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.096		mg/Kg	1	4/7/2022 7:03:00 PM	66675
Benzene	ND	0.024		mg/Kg	1	4/7/2022 7:03:00 PM	66675
Toluene	ND	0.048		mg/Kg	1	4/7/2022 7:03:00 PM	66675
Ethylbenzene	ND	0.048		mg/Kg	1	4/7/2022 7:03:00 PM	66675
Xylenes, Total	ND	0.096		mg/Kg	1	4/7/2022 7:03:00 PM	66675
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	4/7/2022 7:03:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-62

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 10:10:00 AM

Lab ID: 2204129-011

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	120	61		mg/Kg	20	4/11/2022 7:03:37 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/7/2022 9:35:22 PM	66670
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/7/2022 9:35:22 PM	66670
Surr: DNOP	89.4	51.1-141		%Rec	1	4/7/2022 9:35:22 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/7/2022 7:23:00 PM	66675
Surr: BFB	95.2	37.7-212		%Rec	1	4/7/2022 7:23:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	4/7/2022 7:23:00 PM	66675
Benzene	ND	0.024		mg/Kg	1	4/7/2022 7:23:00 PM	66675
Toluene	ND	0.048		mg/Kg	1	4/7/2022 7:23:00 PM	66675
Ethylbenzene	ND	0.048		mg/Kg	1	4/7/2022 7:23:00 PM	66675
Xylenes, Total	ND	0.097		mg/Kg	1	4/7/2022 7:23:00 PM	66675
Surr: 4-Bromofluorobenzene	81.2	70-130		%Rec	1	4/7/2022 7:23:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-63

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 10:15:00 AM

Lab ID: 2204129-012

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	89	60		mg/Kg	20	4/11/2022 7:16:01 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/7/2022 9:46:02 PM	66670
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/7/2022 9:46:02 PM	66670
Surr: DNOP	75.4	51.1-141		%Rec	1	4/7/2022 9:46:02 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/7/2022 7:43:00 PM	66675
Surr: BFB	97.8	37.7-212		%Rec	1	4/7/2022 7:43:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	4/7/2022 7:43:00 PM	66675
Benzene	ND	0.024		mg/Kg	1	4/7/2022 7:43:00 PM	66675
Toluene	ND	0.047		mg/Kg	1	4/7/2022 7:43:00 PM	66675
Ethylbenzene	ND	0.047		mg/Kg	1	4/7/2022 7:43:00 PM	66675
Xylenes, Total	ND	0.094		mg/Kg	1	4/7/2022 7:43:00 PM	66675
Surr: 4-Bromofluorobenzene	82.5	70-130		%Rec	1	4/7/2022 7:43:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-64

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 10:20:00 AM

Lab ID: 2204129-013

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	180	61		mg/Kg	20	4/11/2022 7:28:25 PM	66678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/7/2022 9:56:40 PM	66670
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/7/2022 9:56:40 PM	66670
Surr: DNOP	79.1	51.1-141		%Rec	1	4/7/2022 9:56:40 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/7/2022 8:02:00 PM	66675
Surr: BFB	101	37.7-212		%Rec	1	4/7/2022 8:02:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.099		mg/Kg	1	4/7/2022 8:02:00 PM	66675
Benzene	ND	0.025		mg/Kg	1	4/7/2022 8:02:00 PM	66675
Toluene	ND	0.049		mg/Kg	1	4/7/2022 8:02:00 PM	66675
Ethylbenzene	ND	0.049		mg/Kg	1	4/7/2022 8:02:00 PM	66675
Xylenes, Total	ND	0.099		mg/Kg	1	4/7/2022 8:02:00 PM	66675
Surr: 4-Bromofluorobenzene	84.6	70-130		%Rec	1	4/7/2022 8:02:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-65

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 10:25:00 AM

Lab ID: 2204129-014

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	110	61		mg/Kg	20	4/11/2022 7:40:50 PM	66678
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/7/2022 10:07:18 PM	66670
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/7/2022 10:07:18 PM	66670
Surr: DNOP	101	51.1-141		%Rec	1	4/7/2022 10:07:18 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/7/2022 8:22:00 PM	66675
Surr: BFB	103	37.7-212		%Rec	1	4/7/2022 8:22:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.093		mg/Kg	1	4/7/2022 8:22:00 PM	66675
Benzene	ND	0.023		mg/Kg	1	4/7/2022 8:22:00 PM	66675
Toluene	ND	0.047		mg/Kg	1	4/7/2022 8:22:00 PM	66675
Ethylbenzene	ND	0.047		mg/Kg	1	4/7/2022 8:22:00 PM	66675
Xylenes, Total	ND	0.093		mg/Kg	1	4/7/2022 8:22:00 PM	66675
Surr: 4-Bromofluorobenzene	85.2	70-130		%Rec	1	4/7/2022 8:22:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SBH-1

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 10:40:00 AM

Lab ID: 2204129-015

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	4/11/2022 7:53:15 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/7/2022 10:17:57 PM	66670
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/7/2022 10:17:57 PM	66670
Surr: DNOP	81.2	51.1-141		%Rec	1	4/7/2022 10:17:57 PM	66670
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/7/2022 8:42:00 PM	66675
Surr: BFB	101	37.7-212		%Rec	1	4/7/2022 8:42:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.093		mg/Kg	1	4/7/2022 8:42:00 PM	66675
Benzene	ND	0.023		mg/Kg	1	4/7/2022 8:42:00 PM	66675
Toluene	ND	0.047		mg/Kg	1	4/7/2022 8:42:00 PM	66675
Ethylbenzene	ND	0.047		mg/Kg	1	4/7/2022 8:42:00 PM	66675
Xylenes, Total	ND	0.093		mg/Kg	1	4/7/2022 8:42:00 PM	66675
Surr: 4-Bromofluorobenzene	83.1	70-130		%Rec	1	4/7/2022 8:42:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SSW-1

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 10:45:00 AM

Lab ID: 2204129-016

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	4/11/2022 8:05:39 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/8/2022 11:18:19 AM	66706
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/8/2022 11:18:19 AM	66706
Surr: DNOP	86.9	51.1-141		%Rec	1	4/8/2022 11:18:19 AM	66706
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/7/2022 10:20:00 PM	66675
Surr: BFB	95.6	37.7-212		%Rec	1	4/7/2022 10:20:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	4/7/2022 10:20:00 PM	66675
Benzene	ND	0.024		mg/Kg	1	4/7/2022 10:20:00 PM	66675
Toluene	ND	0.049		mg/Kg	1	4/7/2022 10:20:00 PM	66675
Ethylbenzene	ND	0.049		mg/Kg	1	4/7/2022 10:20:00 PM	66675
Xylenes, Total	ND	0.097		mg/Kg	1	4/7/2022 10:20:00 PM	66675
Surr: 4-Bromofluorobenzene	80.5	70-130		%Rec	1	4/7/2022 10:20:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SSW-2

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 10:50:00 AM

Lab ID: 2204129-017

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	4/11/2022 8:18:03 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/8/2022 12:30:49 PM	66706
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/8/2022 12:30:49 PM	66706
Surr: DNOP	77.9	51.1-141		%Rec	1	4/8/2022 12:30:49 PM	66706
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/7/2022 10:40:00 PM	66675
Surr: BFB	93.8	37.7-212		%Rec	1	4/7/2022 10:40:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	4/7/2022 10:40:00 PM	66675
Benzene	ND	0.024		mg/Kg	1	4/7/2022 10:40:00 PM	66675
Toluene	ND	0.047		mg/Kg	1	4/7/2022 10:40:00 PM	66675
Ethylbenzene	ND	0.047		mg/Kg	1	4/7/2022 10:40:00 PM	66675
Xylenes, Total	ND	0.094		mg/Kg	1	4/7/2022 10:40:00 PM	66675
Surr: 4-Bromofluorobenzene	79.9	70-130		%Rec	1	4/7/2022 10:40:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: MBH-1

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 11:00:00 AM

Lab ID: 2204129-018

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	4/11/2022 9:20:05 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	4/8/2022 12:54:50 PM	66706
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/8/2022 12:54:50 PM	66706
Surr: DNOP	77.8	51.1-141		%Rec	1	4/8/2022 12:54:50 PM	66706
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/7/2022 11:00:00 PM	66675
Surr: BFB	94.1	37.7-212		%Rec	1	4/7/2022 11:00:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	4/7/2022 11:00:00 PM	66675
Benzene	ND	0.024		mg/Kg	1	4/7/2022 11:00:00 PM	66675
Toluene	ND	0.048		mg/Kg	1	4/7/2022 11:00:00 PM	66675
Ethylbenzene	ND	0.048		mg/Kg	1	4/7/2022 11:00:00 PM	66675
Xylenes, Total	ND	0.097		mg/Kg	1	4/7/2022 11:00:00 PM	66675
Surr: 4-Bromofluorobenzene	79.5	70-130		%Rec	1	4/7/2022 11:00:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: MSW-1

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 11:05:00 AM

Lab ID: 2204129-019

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	4/11/2022 9:32:30 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/8/2022 1:19:08 PM	66706
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/8/2022 1:19:08 PM	66706
Surr: DNOP	74.9	51.1-141		%Rec	1	4/8/2022 1:19:08 PM	66706
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/7/2022 11:20:00 PM	66675
Surr: BFB	96.0	37.7-212		%Rec	1	4/7/2022 11:20:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	4/7/2022 11:20:00 PM	66675
Benzene	ND	0.023		mg/Kg	1	4/7/2022 11:20:00 PM	66675
Toluene	ND	0.047		mg/Kg	1	4/7/2022 11:20:00 PM	66675
Ethylbenzene	ND	0.047		mg/Kg	1	4/7/2022 11:20:00 PM	66675
Xylenes, Total	ND	0.094		mg/Kg	1	4/7/2022 11:20:00 PM	66675
Surr: 4-Bromofluorobenzene	79.7	70-130		%Rec	1	4/7/2022 11:20:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2204129

Date Reported: 4/15/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: MSW-2

Project: Gumby BAG Federal 1

Collection Date: 4/1/2022 11:10:00 AM

Lab ID: 2204129-020

Matrix: SOIL

Received Date: 4/5/2022 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	4/11/2022 10:09:43 PM	66768
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: ED
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/8/2022 1:43:09 PM	66706
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/8/2022 1:43:09 PM	66706
Surr: DNOP	80.5	51.1-141		%Rec	1	4/8/2022 1:43:09 PM	66706
EPA METHOD 8015D: GASOLINE RANGE							Analyst: BRM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/7/2022 11:39:00 PM	66675
Surr: BFB	95.2	37.7-212		%Rec	1	4/7/2022 11:39:00 PM	66675
EPA METHOD 8021B: VOLATILES							Analyst: BRM
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	4/7/2022 11:39:00 PM	66675
Benzene	ND	0.023		mg/Kg	1	4/7/2022 11:39:00 PM	66675
Toluene	ND	0.047		mg/Kg	1	4/7/2022 11:39:00 PM	66675
Ethylbenzene	ND	0.047		mg/Kg	1	4/7/2022 11:39:00 PM	66675
Xylenes, Total	ND	0.094		mg/Kg	1	4/7/2022 11:39:00 PM	66675
Surr: 4-Bromofluorobenzene	79.2	70-130		%Rec	1	4/7/2022 11:39:00 PM	66675

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	Estimated value
	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 Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204129

15-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66768	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66768	RunNo: 87147								
Prep Date: 4/11/2022	Analysis Date: 4/11/2022	SeqNo: 3081706	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66768	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66768	RunNo: 87147								
Prep Date: 4/11/2022	Analysis Date: 4/11/2022	SeqNo: 3081707	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.3	90	110			

Sample ID: MB-66767	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66767	RunNo: 87161								
Prep Date: 4/11/2022	Analysis Date: 4/11/2022	SeqNo: 3081823	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66767	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66767	RunNo: 87161								
Prep Date: 4/11/2022	Analysis Date: 4/11/2022	SeqNo: 3081824	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204129

15-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66578	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 66578			RunNo: 87063						
Prep Date: 4/1/2022	Analysis Date: 4/6/2022			SeqNo: 3077504		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		96.7	51.1	141			

Sample ID: LCS-66673	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 66673			RunNo: 87063						
Prep Date: 4/6/2022	Analysis Date: 4/7/2022			SeqNo: 3077955		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	50.00	0	95.7	68.9	135			
Surr: DNOP	5.0		5.000		101	51.1	141			

Sample ID: MB-66673	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 66673			RunNo: 87063						
Prep Date: 4/6/2022	Analysis Date: 4/7/2022			SeqNo: 3077956		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	9.4		10.00		94.0	51.1	141			

Sample ID: LCS-66670	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 66670			RunNo: 87064						
Prep Date: 4/6/2022	Analysis Date: 4/7/2022			SeqNo: 3078634		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.0	68.9	135			
Surr: DNOP	5.1		5.000		101	51.1	141			

Sample ID: MB-66670	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 66670			RunNo: 87064						
Prep Date: 4/6/2022	Analysis Date: 4/7/2022			SeqNo: 3078637		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	8.7		10.00		87.2	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204129

15-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66715	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 66715		RunNo: 87125							
Prep Date: 4/7/2022	Analysis Date: 4/8/2022		SeqNo: 3080356		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		110	51.1	141			

Sample ID: LCS-66715	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 66715		RunNo: 87125							
Prep Date: 4/7/2022	Analysis Date: 4/8/2022		SeqNo: 3080358		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.7		5.000		93.1	51.1	141			

Sample ID: 2204129-016AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: SSW-1	Batch ID: 66706		RunNo: 87134							
Prep Date: 4/7/2022	Analysis Date: 4/8/2022		SeqNo: 3080850		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.25	0	84.4	36.1	154			
Surr: DNOP	4.2		5.025		83.2	51.1	141			

Sample ID: 2204129-016AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: SSW-1	Batch ID: 66706		RunNo: 87134							
Prep Date: 4/7/2022	Analysis Date: 4/8/2022		SeqNo: 3080851		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.2	45.79	0	88.0	36.1	154	5.16	33.9	
Surr: DNOP	3.7		4.579		81.2	51.1	141	0	0	

Sample ID: LCS-66706	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 66706		RunNo: 87134							
Prep Date: 4/7/2022	Analysis Date: 4/8/2022		SeqNo: 3080858		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.3	68.9	135			
Surr: DNOP	4.4		5.000		88.4	51.1	141			

Sample ID: MB-66706	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 66706		RunNo: 87134							
Prep Date: 4/7/2022	Analysis Date: 4/8/2022		SeqNo: 3080859		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								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204129

15-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: MB-66706	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66706	RunNo: 87134								
Prep Date: 4/7/2022	Analysis Date: 4/8/2022	SeqNo: 3080859	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.9		10.00		89.1	51.1	141			

Sample ID: LCS-66742	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66742	RunNo: 87160								
Prep Date: 4/8/2022	Analysis Date: 4/11/2022	SeqNo: 3081816	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.3		5.000		86.1	51.1	141			

Sample ID: MB-66742	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66742	RunNo: 87160								
Prep Date: 4/8/2022	Analysis Date: 4/11/2022	SeqNo: 3081819	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.6		10.00		85.8	51.1	141			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204129

15-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: mb-66652	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 66652				RunNo: 87032					
Prep Date: 4/5/2022	Analysis Date: 4/6/2022				SeqNo: 3076537	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		96.1	37.7	212			

Sample ID: lcs-66652	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 66652				RunNo: 87032					
Prep Date: 4/5/2022	Analysis Date: 4/6/2022				SeqNo: 3076538	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	72.3	137			
Surr: BFB	2000		1000		203	37.7	212			

Sample ID: lcs-66675	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 66675				RunNo: 87084					
Prep Date: 4/6/2022	Analysis Date: 4/7/2022				SeqNo: 3078370	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	113	72.3	137			
Surr: BFB	2200		1000		219	37.7	212			S

Sample ID: mb-66675	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 66675				RunNo: 87084					
Prep Date: 4/6/2022	Analysis Date: 4/7/2022				SeqNo: 3078371	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	1100		1000		109	37.7	212			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204129

15-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: mb-66652	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66652	RunNo: 87032								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3076583 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		98.9	70	130			

Sample ID: LCS-66652	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66652	RunNo: 87032								
Prep Date: 4/5/2022	Analysis Date: 4/6/2022	SeqNo: 3076584 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.84	0.10	1.000	0	84.4	80	120			
Benzene	0.86	0.025	1.000	0	86.0	80	120			
Toluene	0.89	0.050	1.000	0	89.1	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.2	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	70	130			

Sample ID: lcs-66675	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66675	RunNo: 87084								
Prep Date: 4/6/2022	Analysis Date: 4/7/2022	SeqNo: 3078399 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.89	0.10	1.000	0	88.9	80	120			
Benzene	0.88	0.025	1.000	0	87.6	80	120			
Toluene	0.88	0.050	1.000	0	88.1	80	120			
Ethylbenzene	0.89	0.050	1.000	0	89.0	80	120			
Xylenes, Total	2.7	0.10	3.000	0	88.9	80	120			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.4	70	130			

Sample ID: mb-66675	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66675	RunNo: 87084								
Prep Date: 4/6/2022	Analysis Date: 4/7/2022	SeqNo: 3078400 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Estimated value
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 Limit
S	% Recovery outside of range due to dilution or matrix interference		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2204129

15-Apr-22

Client: GHD Midland
Project: Gumby BAG Federal 1

Sample ID: mb-66675	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66675	RunNo: 87084								
Prep Date: 4/6/2022	Analysis Date: 4/7/2022	SeqNo: 3078400	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.2	70	130			

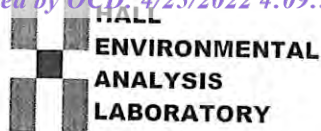
Sample ID: 2204129-004ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-55	Batch ID: 66675	RunNo: 87084								
Prep Date: 4/6/2022	Analysis Date: 4/7/2022	SeqNo: 3078410	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.87	0.095	0.9461	0	92.0	61.5	113			
Benzene	0.92	0.024	0.9461	0	97.6	68.8	120			
Toluene	0.97	0.047	0.9461	0	102	73.6	124			
Ethylbenzene	0.98	0.047	0.9461	0	104	72.7	129			
Xylenes, Total	2.9	0.095	2.838	0	104	75.7	126			
Surr: 4-Bromofluorobenzene	0.80		0.9461		84.2	70	130			

Sample ID: 2204129-004amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-55	Batch ID: 66675	RunNo: 87084								
Prep Date: 4/6/2022	Analysis Date: 4/7/2022	SeqNo: 3078411	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.89	0.097	0.9709	0	92.0	61.5	113	2.56	20	
Benzene	0.93	0.024	0.9709	0	96.2	68.8	120	1.12	20	
Toluene	0.98	0.049	0.9709	0	100	73.6	124	0.868	20	
Ethylbenzene	0.99	0.049	0.9709	0	102	72.7	129	0.358	20	
Xylenes, Total	2.9	0.097	2.913	0	101	75.7	126	0.0511	20	
Surr: 4-Bromofluorobenzene	0.83		0.9709		85.2	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
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank
E Estimated value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



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: GHD Midland

Work Order Number: 2204129

RcptNo: 1

Received By: Tracy Casarrubias 4/5/2022 8:00:00 AM

Completed By: Tracy Casarrubias 4/5/2022 9:52:57 AM

Reviewed By: *CAC* 4/5/22Chain 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 of $>0^{\circ}\text{C}$ 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) properly 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 ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. 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: *JWY/5/22*

Special Handling (if applicable)

15. 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: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.6	Good	Yes			
2	5.6	Good	Yes			

Chain-of-Custody Record

Client: GHD

Mailing Address:

324 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

☒ Standard☐ Rush

Project Name:

Project #: 12563500

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: ☒ Yes ☐ No

of Coolers: 2

Cooler Temp (including CF): 46-48 = 4.4

Container Type and #

Preservative Type

5.4-8 = 5.4
HEAL No.
2264129

BTEX / MTBE / TMB's (8021)

TPH:8015D(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

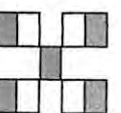
Cl, F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Chloride Method 300


**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride Method 300
4/25/22	1020	S	BA-64	1		013											
	1025		BA-65	1		014											
	1040		SBH-1	1		015											
	1045		SSU-1	1		016											
	1050		SSU-2	1		017											
	1100		MSH-1	1		018											
	1105		MSU-1	1		019											
	1110		MSU-2	1		020											
						021											
						022											
						023											

Date: Time: Relinquished by:

Received by: Via:

Date Time

Date: Time: Relinquished by:

Received by: Via:

Date Time

Date: Time: Relinquished by:

Received by: Via:

Date Time

Remarks: Please email: Chase_Settle@eogresources.com;

Tom.Larson@ghd.com; Zach.Comino@ghd.com

Matthew.Laughlin@ghd.com;

Amber.Griffin@eogresources.com; Along with Becky

Haskell listed above.

Direct Bill to EOG Chase Settle

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.

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
District IV
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 101348

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 101348
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2202733896 GUMBY BAG FEDERAL #1, thank you. This closure is approved.	5/10/2022