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Facility ID	
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### 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				
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replacement human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in			
Printed Name: Chase Settle				
Signature: <u>Chase Settle</u>				
email: Chase_Settle@eogresources.com	Telephone: <u>575-748-1471</u>			
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: <u>Robert Hamlet</u>	Date: <u>5/10/2022</u>			
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

Incident ID	nAPP2202733896
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Application ID	

### **Release Notification**

### **Responsible Party**

Responsible					OGRID		
EOG Resour					7377		
Contact Nam					Contact Telephone		
Robert Ashe	r				575-748-4		
Contact ema					Incident #	nAPP2202733896	
bob_asher@	eogresource	s.com					
Contact mail							
104 S. 4 <sup>th</sup> Str	reet, Artesia,	New Mexico 882	210				
			Location	n of R	Release S	ource	
Latitude 32.6	6332				Longitude	-104.71580	
(NAD 83 in decimal de			grees to 5 decir	nal places)			
Site Name: G	Site Name: Gumby BAG Federal #1			Site Type:	Well Pad		
Date Release	Discovered:	: 1/25/2022			API# 30-0	15-32245	
Unit Letter	Section	Township	Range		Cour	ntv	]
F	17	19S	23E	Edd		<u> </u>	
1	1 /	193	231	Euu.	у		
	Materia	l(s) Released (Select a	Nature an				volumes provided below)
Crude Oi		Volume Release		on carcara	ions or specific	Volume Reco	
Noduced Produced	Water	Volume Release	ed (Unknown)			Volume Reco	vered (Unknown)
	Is the concentration of dissolved chloride produced water >10,000 mg/l?			e in the	Yes N	0	
Condensa	ite	Volume Release	ed (bbls)			Volume Recovered (bbls)	
Natural G	ias	Volume Release	ed (Mcf)			Volume Recovered (Mcf)	
		Volume/Weight Released				Volume/Weig	tht Recovered
	missioning	the P&A'd well p water (approxima				uipment and the	e dry hole marker showed signs of soils

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release as defined by 19.15.29.7(A) NMAC?  Yes No  If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
☐ Yes ⊠ No
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
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
∑ The source of the release has been stopped.
☐ The impacted area has been secured to protect human health and the environment.
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
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.
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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: Robert Asher  Title: Environmental Supervisor  Date: 1-27-2022

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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?	Unknown (ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ☑ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ 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)?	☐ Yes ☑ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ 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?	☐ Yes ☑ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No		
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ☑ 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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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 OD	C District office must be notified 2 days prior to final sampling)		
✓ Description of remediation activities			
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Printed Name: Chase Settle	Title: Rep Safety & Environmental Sr		
Signature: <u>Chase Settle</u>	Date: 04/25/2022		
email: Chase_Settle@eogresources.com	Telephone: <u>575-748-1471</u>		
OCD Only			
Received by:	Date:		
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for 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:

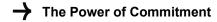
### 1. Introduction

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

→ The Power of Commitment

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

Rebecca Haskell

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

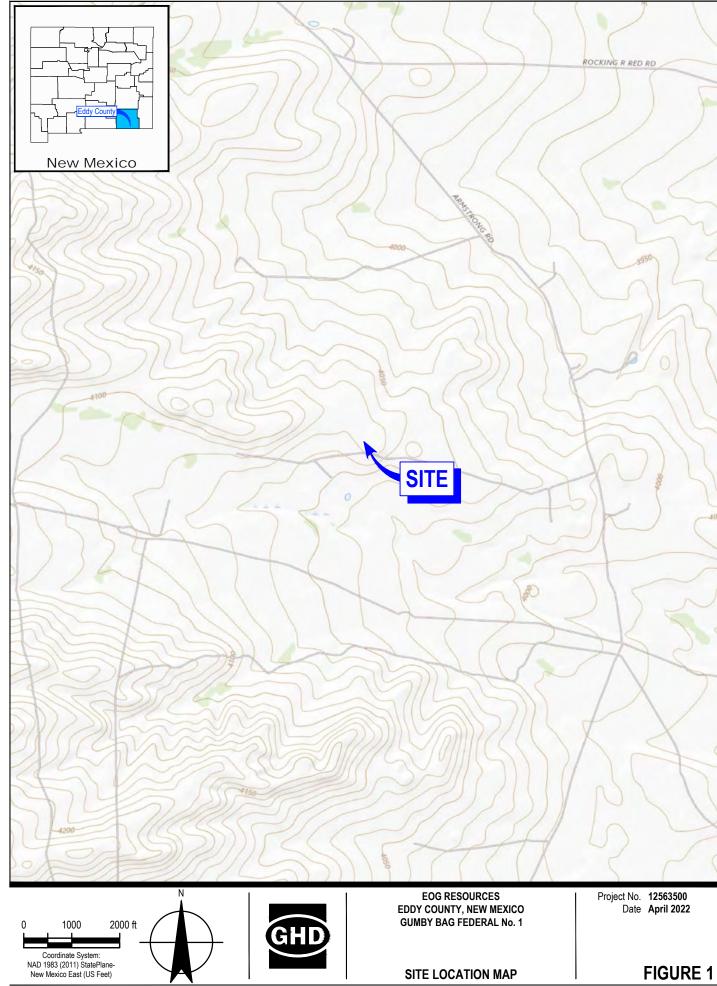
Attachment B - Photographic Log

Attachment C - Confirmation Sampling Notifications

Attachment D – Laboratory Analytical Reports and Chain of Custody Documentation

cc: Chase Settle

Figures





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Coordinate System

NAD 1983 (2011) StatePlane

New Mexico East (US Feet)

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

3. YELLOW SHADED CELLS INDICATE EXCEEDANCE.

INDICATES SIDE WALL COMPOSITE SAMPLE

INDICATES SIDE WALL COMPOSITE SAMPLE

INDICATES SIDE WALL COMPOSITE SAMPLE

FIGURE 3

**CONFIRMATION SAMPLING:** 

**SOIL ANALYTICAL RESULTS MAP** 

Tables

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

								Total Petroleu	m Hydrocarbons	s (TPH)		
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I C	losure Criteria	for Soils <50 f	eet Depth to Gro	undwater 19.15	.29 NMAC		
			10 mg/kg				50 mg/kg				100 mg/kg	600 mg/kg
					Initial Assessı	ment 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

					<b> </b>			Total Petroleu	m Hydrocarbons	s (TPH)		
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I C	losure Criteria	for Soils <50 for	eet Depth to Gro	oundwater 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

		1						Total Petroleur	m Hydrocarbons	s (TPH)		
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I C	Closure Criteria	for Soils <50 f	eet Depth to Gro	oundwater 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
<b>TD</b> 10 0	10/10/01											
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 TP16-4	10/12/21 10/12/21	3	<0.0250 <0.0250	<0.0250 <0.0250	<0.0250 <0.0250	<0.0250 <0.0250	<0.0250 <0.0250	<20.0 <20.0	<25.0 <25.0	<50.0 <50.0	<50.0 <50.0	1,840 741
TP16-4	12/2/21	5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0 <25.0	<50.0 <50.0	<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	<50.0	645
TP16-7	12/2/21	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0 <50.0	<50.0 <50.0	669
11 10-0	12/2/21	0	<0.0230	<0.0230	<0.0230	<0.0230	<0.0230	<20.0	<b>&lt;25.0</b>	<50.0	<50.0	009
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

								Total Petroleul	n Hydrocarbons	s (TPH)		
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I C	losure Criteria	for Soils <50 fe	et Depth to Gro	undwater 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

	Total Petroleum Hydrocarbons (TPH)											
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I C	losure Criteria	for Soils <50 fe	et Depth to Gro	oundwater 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 S	amples					
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

								Total Petroleu	m Hydrocarbons	s (TPH)		
	Sampla	Donth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Sample Date	Depth (ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
		, 0,	( 0 0)						oundwater 19.15		( 0 0)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
			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

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

								Total Petroleu	m Hydrocarbons	s (TPH)		
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
		, 3,	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						oundwater 19.15		( 0 0)	( 0 0/
			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 Co	onfirmation Sai	mples					
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

								Total Petroleu	m Hydrocarbons	s (TPH)		
	Sample	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	Chloride
Sample ID	Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I C	losure Criteria	for Soils <50 for	eet Depth to Gro	oundwater 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

				Toluene	Ethylbenzene	Xylenes	ВТЕХ	Total Petroleum Hydrocarbons (TPH)			Total	
Sample ID	Sample	Depth (ft bgs)	Benzene					GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	GRO/DRO/MRO	Chloride
	Date		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table I C	losure Criteria	for Soils <50 fe	et Depth to Gro	undwater 19.15	29 NMAC		
			10 mg/kg				50 mg/kg				100 mg/kg	600 mg/kg

#### Notes:

- 1. Values reported in mg/kg
- 2. < = Value Less than Reporting Limit (RL)
- 3. Bold Indicates Analyte Detected
- 4 BTEX analyses by EPA Method SW 8021B.

B-BH 2 Sample Point Excavated

- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. 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.
- 8. J the target analytes was positively identified below the quantitation limit and above the detection limit.
- 9. --- = not defined

# Attachment A Site Characterization Documentation

## **Gumby BAG Federal #1**

Karst Potential Map

Legend

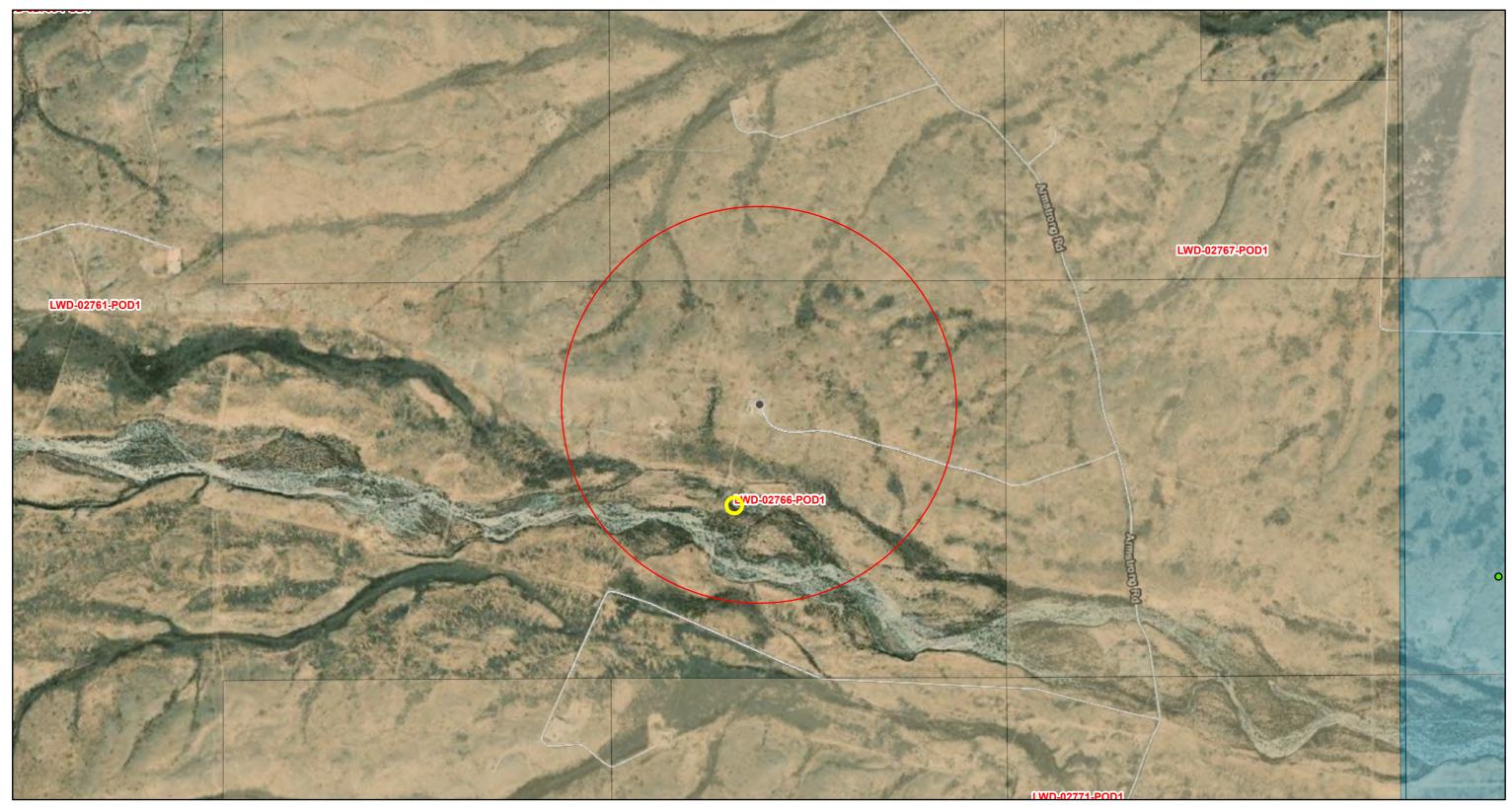
- Gumby BAG Federal #1
- High
- Low
- Medium

12

Gumby BAG Federal #1



# Gumby BAG Federal #1



4/15/2022, 9:37:21 AM GIS WATERS PODs

Pending

Water Right Regulations

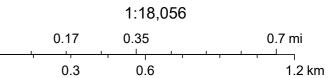
Closure Area

**Both Estates** 

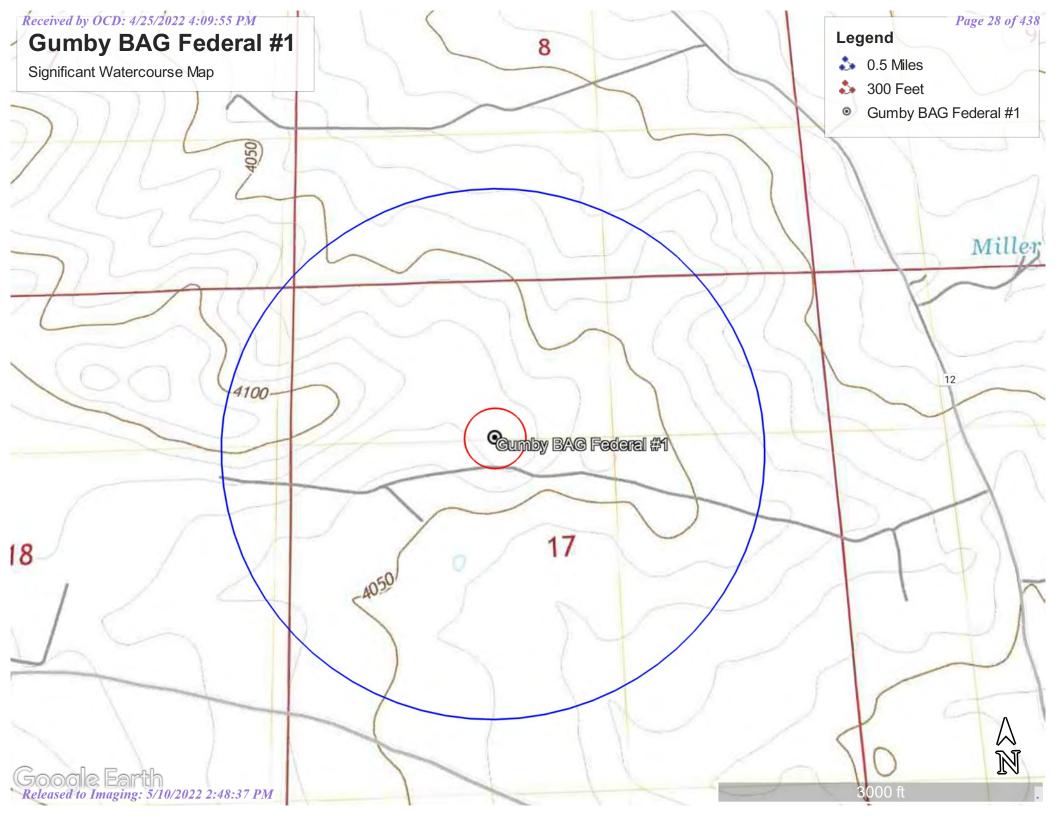
SiteBoundaries

OSE District Boundary New Mexico State Trust Lands

Subsurface Estate

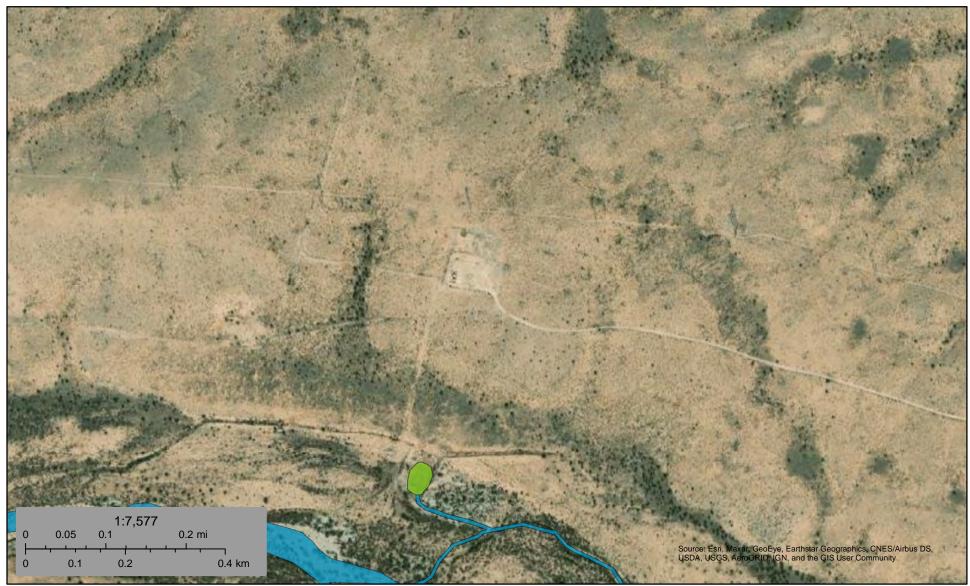


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy





## Gumby BAG Federal #1



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.

# Received by OCD: 4/25/2022 4:09:55,PM National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE)

SPECIAL FLOOD HAZARD AREAS

With BFE or Depth Zone AE, AO, AH, VE, AR

Regulatory Floodway

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

Area with Flood Risk due to Levee Zone D

**Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X

OTHER AREAS OF FLOOD HAZARD

NO SCREEN Area of Minimal Flood Hazard Zone X

Effective LOMRs

OTHER AREAS Area of Undetermined Flood Hazard Zone D

- - - Channel, Culvert, or Storm Sewer

**GENERAL** STRUCTURES | LILLILL Levee, Dike, or Floodwall

20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** 

Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary

OTHER **FEATURES**  **Coastal Transect Baseline** 

Profile Baseline Hydrographic Feature

Digital Data Available

MAP PANELS

No Digital Data Available

Unmapped

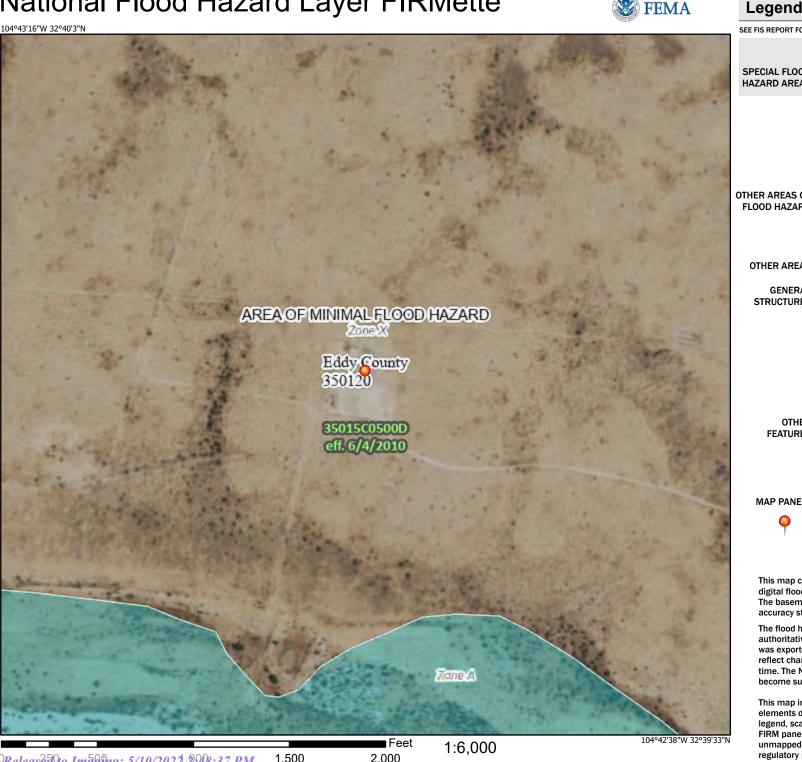


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 < <a href="mailto:Robert.Hamlet@state.nm.us">Robert, EMNRD < <a href="mailto:Robert.Hamlet@state.nm.us">Robert.Hamlet@state.nm.us</a>>; <a href="mailto:blm.gov">blm\_nm\_cfo\_spill@blm.gov</a></a>

**Cc:** Artesia Regulatory < Artesia Regulatory@eogresources.com>; Amber Griffin

<Amber Griffin@eogresources.com>; Chase Settle <Chase Settle@eogresources.com>; Yvette Moore

<<u>Yvette\_Moore@eogresources.com</u>>; Katie Jamison <<u>Katie\_Jamison@eogresources.com</u>>

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 Hverta Regulatory Specialist Direct: 575.748.4168

Cell: 575.703.3121

Email: tina huerta@eogresources.com

eog resources

**Artesia Division** 

### **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

<a href="mailto:</a> <a href="mailto:Artesia\_Regulatory@eogresources.com">Artesia\_Regulatory@eogresources.com</a>

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



**Artesia Division** 

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

Report to:
Zach Comino





5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding 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

ljarboe@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**

Γ	GHD	Project Name:	Gumby Bag Federal #1	Donoutoda
ı	6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
l	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.



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	10/22/2021 9:17:05AM

### TP1-S E110054-01

	L11005+ 01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2142047
ND	0.0250	1	10/15/21	10/17/21	
ND	0.0250	1	10/15/21	10/17/21	
ND	0.0250	1	10/15/21	10/17/21	
ND	0.0250	1	10/15/21	10/17/21	
ND	0.0500	1	10/15/21	10/17/21	
ND	0.0250	1	10/15/21	10/17/21	
	102 %	70-130	10/15/21	10/17/21	
mg/kg	mg/kg	Analyst: RAS		Batch: 2142047	
ND	20.0	1	10/15/21	10/17/21	
	91.8 %	70-130	10/15/21	10/17/21	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2143010
ND	25.0	1	10/18/21	10/19/21	
ND	50.0	1	10/18/21	10/19/21	
	112 %	50-200	10/18/21	10/19/21	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2142046
ND	20.0	1	10/15/21	10/15/21	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ID2 %         mg/kg           mg/kg         mg/kg           ND         20.0           91.8 %         mg/kg           ND         25.0           ND         50.0           112 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MB/kg         mg/kg         Anal           ND         20.0         1           91.8 %         70-130           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           112 %         50-200         1           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0500         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         10/15/21           mg/kg         mg/kg         Analyst: JL           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21           mg/kg         mg/kg         Analyst: RAS	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         10/15/21         10/17/21           ND         0.0250         1         10/15/21         10/17/21           ND         0.0250         1         10/15/21         10/17/21           ND         0.0500         1         10/15/21         10/17/21           ND         0.0250         1         10/15/21         10/17/21           ND         0.0250         1         10/15/21         10/17/21           mg/kg         70-130         10/15/21         10/17/21           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         10/15/21         10/17/21           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         10/18/21         10/19/21           ND         25.0         1         10/18/21         10/19/21         10/19/21           ND         50.0         1         10/18/21         10/19/21           ND         50.0         1         10/18/21         10/19/21           mg/kg<



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	10/22/2021 9:17:05AM

### **TP1-1**

E110054-02						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
o,m-Xylene	ND	0.0500	1	10/15/21	10/17/21	
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2143010
Diesel Range Organics (C10-C28)	ND	25.0	1	10/18/21	10/19/21	
Dil 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	Ana	lyst: RAS		Batch: 2142046
Chloride	ND	20.0	1	10/15/21	10/15/21	



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	10/22/2021 9:17:05AM

### **TP1-2**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		107 %	50-200	10/18/21	10/19/21	
	mg/kg	mg/kg	Analys	st: RAS		Batch: 2142046
Anions by EPA 300.0/9056A	mg/kg	mg ng	,			



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	10/22/2021 9:17:05AM

### **TP1-3**

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	An	Analyst: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		111 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2142046
Chloride	ND	20.0	1	10/15/21	10/15/21	



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	10/22/2021 9:17:05AM

### **TP1-4**

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		113 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2142046
Chloride	ND	20.0	1	10/15/21	10/15/21	



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	10/22/2021 9:17:05AM

### TP2-S

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		126 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2142046
	ND	20.0		10/15/21	10/15/21	



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	10/22/2021 9:17:05AM

### **TP2-1**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		116 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2142046
· · · · · · · · · · · · · · · · · · ·	ND	20.0		10/15/21	10/15/21	



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	10/22/2021 9:17:05AM

### **TP2-2**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		111 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2142046
Chloride	ND	20.0	1	10/15/21	10/15/21	•



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	10/22/2021 9:17:05AM

### **TP2-3**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		112 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2142046
Chloride	ND	20.0	1	10/15/21	10/15/21	



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	10/22/2021 9:17:05AM

### **TP2-4**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		112 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2142046
Chloride	ND	20.0	1	10/15/21	10/15/21	· · · · · · · · · · · · · · · · · · ·



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	10/22/2021 9:17:05AM

### TP3-S

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		103 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2142046
Chloride	ND	20.0	1	10/15/21	10/15/21	



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	10/22/2021 9:17:05AM

### **TP3-1**

E110054-12								
Reporting								
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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			
p-Xylene	ND	0.0250	1	10/15/21	10/17/21			
o,m-Xylene	ND	0.0500	1	10/15/21	10/17/21			
Total Xylenes	ND	0.0250	1	10/15/21	10/17/21			
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	10/15/21	10/17/21			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2142047		
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21			
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	10/15/21	10/17/21			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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			
Surrogate: n-Nonane		109 %	50-200	10/18/21	10/19/21			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2142046		
Chloride	ND	20.0	1	10/15/21	10/15/21			



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	10/22/2021 9:17:05AM

### **TP3-2**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/17/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	10/15/21	10/17/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		113 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2142046
Amons by ETA 500:0/7030A						



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	10/22/2021 9:17:05AM

### **TP3-3**

Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: RAS		Batch: 2142047
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0500	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
	98.5 %	70-130	10/15/21	10/18/21	
mg/kg	mg/kg	An	alyst: RAS		Batch: 2142047
ND	20.0	1	10/15/21	10/18/21	
	92.2 %	70-130	10/15/21	10/18/21	
mg/kg	mg/kg	An	alyst: JL		Batch: 2143010
ND	25.0	1	10/18/21	10/19/21	
ND	50.0	1	10/18/21	10/19/21	
	114 %	50-200	10/18/21	10/19/21	
	11770				
mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2142046
	mg/kg ND ND ND ND ND ND ND MD Mg/kg ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mg/kg         mg/kg           ND         20.0           92.2 %         mg/kg           ND         25.0	mg/kg         mg/kg         And           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           98.5 %         70-130           mg/kg         mg/kg         And           ND         20.0         1           92.2 %         70-130         1           mg/kg         mg/kg         And           ND         25.0         1	mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0500         1         10/15/21           ND         0.0250         1         10/15/21           98.5 %         70-130         10/15/21           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         10/15/21           92.2 %         70-130         10/15/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21	mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         10/15/21         10/18/21           ND         0.0500         1         10/15/21         10/18/21           ND         0.0250         1         10/15/21         10/18/21           mg/kg         Mg/kg         Analyst: RAS           ND         20.0         1         10/15/21         10/18/21           92.2 %         70-130         10/15/21         10/18/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21         10/19/21



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	10/22/2021 9:17:05AM

### **TP3-4**

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/18/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: 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	
Surrogate: n-Nonane		109 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: RAS		Batch: 2142046
Chloride	ND	20.0	1	10/15/21	10/16/21	•



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	10/22/2021 9:17:05AM

### TP4-S

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/18/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		114 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2142046
Chloride	ND	20.0	1	10/15/21	10/16/21	



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	10/22/2021 9:17:05AM

### **TP4-1**

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2142047
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0500	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
	97.4 %	70-130	10/15/21	10/18/21	
mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2142047
ND	20.0	1	10/15/21	10/18/21	
	91.7 %	70-130	10/15/21	10/18/21	
mg/kg	mg/kg	Anal	lyst: JL		Batch: 2143010
ND	25.0	1	10/18/21	10/19/21	
ND	50.0	1	10/18/21	10/19/21	
	114 %	50-200	10/18/21	10/19/21	
	114 /0				
mg/kg	mg/kg		lyst: RAS		Batch: 2142046
	mg/kg  ND Mg/kg ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MD         20.0           91.7 %         mg/kg           mg/kg         mg/kg           ND         25.0	Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           mg/kg         mg/kg         Ana           ND         20.0         1           91.7 %         70-130           mg/kg         mg/kg         Ana           ND         25.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0500         1         10/15/21           ND         0.0250         1         10/15/21           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         10/15/21           mg/kg         mg/kg         Analyst: JL           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         10/15/21         10/18/21           ND         0.0250         1         10/15/21         10/18/21           ND         0.0250         1         10/15/21         10/18/21           ND         0.0500         1         10/15/21         10/18/21           ND         0.0250         1         10/15/21         10/18/21           ND         0.0250         1         10/15/21         10/18/21           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         10/15/21         10/18/21           mg/kg         mg/kg         Analyst: JL         10/18/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21         10/19/21



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	10/22/2021 9:17:05AM

### **TP4-2**

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: RAS		Batch: 2142047
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
ND	0.0500	1	10/15/21	10/18/21	
ND	0.0250	1	10/15/21	10/18/21	
	102 %	70-130	10/15/21	10/18/21	
mg/kg	mg/kg	Analy	st: RAS		Batch: 2142047
ND	20.0	1	10/15/21	10/18/21	
	91.7 %	70-130	10/15/21	10/18/21	
mg/kg	mg/kg	Analy	st: JL		Batch: 2143010
ND	25.0	1	10/18/21	10/19/21	
ND	50.0	1	10/18/21	10/19/21	
	112 %	50-200	10/18/21	10/19/21	
mg/kg	mg/kg	mg/kg Analyst: RAS			Batch: 2142046
	mg/kg ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IO2 %         mg/kg           MD         20.0           91.7 %         mg/kg           ND         25.0           ND         50.0           I12 %	Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           mg/kg         mg/kg         Analy           ND         20.0         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           112 %         50-200	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0500         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           mg/kg         70-130         10/15/21           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         10/15/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         10/15/21         10/18/21           mg/kg         70-130         10/15/21         10/18/21           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         10/15/21         10/18/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21         10/19/21           ND         50.0         1         10/18/21         10/19/21           ND         50.0         1         10/18/21         10/19/21



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	10/22/2021 9:17:05AM

### **TP4-3**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RAS		Batch: 2142047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/15/21	10/18/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	10/15/21	10/18/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		114 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2142046
Chloride	ND	20.0	1	10/15/21	10/16/21	



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	10/22/2021 9:17:05AM

### **TP4-4**

	Reporting					
Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: RA	AS		Batch: 2142047
ND	0.0250	1		10/15/21	10/18/21	
ND	0.0250	1		10/15/21	10/18/21	
ND	0.0250	1		10/15/21	10/18/21	
ND	0.0250	1		10/15/21	10/18/21	
ND	0.0500	1		10/15/21	10/18/21	
ND	0.0250	1		10/15/21	10/18/21	
	95.8 %	70-130		10/15/21	10/18/21	
mg/kg	mg/kg	A	Analyst: RA	AS		Batch: 2142047
ND	20.0	1		10/15/21	10/18/21	
	90.8 %	70-130		10/15/21	10/18/21	
mg/kg	mg/kg	P	Analyst: JL			Batch: 2143010
ND	25.0	1		10/18/21	10/19/21	
ND	50.0	1		10/18/21	10/19/21	
	114 %	50-200		10/18/21	10/19/21	
mg/kg	114 % mg/kg		Analyst: R		10/19/21	Batch: 2142046
	mg/kg  ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           mg/kg         mg/kg           ND         20.0           90.8 %         mg/kg           ND         25.0	Result         Limit         Dilute           mg/kg         mg/kg            ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           mg/kg         mg/kg            mg/kg         mg/kg            mg/kg         mg/kg            ND         20.0         1           mg/kg         mg/kg            Mg/kg             ND         25.0         1	Result         Limit         Dilution           mg/kg         mg/kg         Analyst: RA           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           MB/kg         Mg/kg         Analyst: RA           ND         20.0         1           mg/kg         70-130           mg/kg         Mg/kg         Analyst: JL           MB/kg         Mg/kg         Analyst: JL           ND         25.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0500         1         10/15/21           ND         0.0250         1         10/15/21           mg/kg         70-130         10/15/21           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         10/15/21           mg/kg         mg/kg         Analyst: JL           mg/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         10/15/21         10/18/21           ND         0.0500         1         10/15/21         10/18/21           ND         0.0250         1         10/15/21         10/18/21           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         10/15/21         10/18/21           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         10/15/21         10/18/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21         10/19/21



Surrogate: 4-Bromochlorobenzene-PID

### **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

Albuquerque NM, 87110		Project Number: Project Manager:		9034-0001 ach Comino					10/22/2021 9:17:05AM			
Volatile Organics by EPA 8021B  Analyst: RAS												
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2142047-BLK1)							Prepared: 10	0/15/21 A	nalyzed: 10/17/21			
Benzene	ND	0.0250										
Ethylbenzene	ND	0.0250										
Toluene	ND	0.0250										
p-Xylene	ND	0.0250										
o,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	0/15/21 A	nalyzed: 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						
o,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	0/15/21 A	nalyzed: 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				
Coluene	4.93	0.0250	5.00		98.6	70-130	1.11	20				
-Xylene	4.85	0.0250	5.00		96.9	70-130	1.35	20				
,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				



### **QC Summary Data**

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

Albuquerque NM, 87110		Project Manager	: Za	ch Comino					10/22/2021 9:17:05Al
	Non	halogenated (	Organics l	oy EPA 801	[5D - G]	RO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2142047-BLK1)							Prepared: 1	0/15/21	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: 1	0/15/21	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: 1	0/15/21	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 6121 Indian School Rd. NE #200	Project Name: Project Number:	Gumby Bag Federal #1 19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/22/2021 9:17:05AM

Albuquerque NM, 87110		Project Manager	r: Za	ch Comino					10/22/2021 9:17:05AM		
Nonhalogenated Organics by EPA 8015D - DRO/ORO  Analysts											
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limi			
Blank (2143010-BLK1)							Prepared: 1	0/18/21	Analyzed: 10/19/21		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	56.7		50.0		113	50-200					
LCS (2143010-BS1)							Prepared: 1	0/18/21	Analyzed: 10/19/21		
Diesel Range Organics (C10-C28)	482	25.0	500		96.3	38-132					
Surrogate: n-Nonane	57.2		50.0		114	50-200					
LCS Dup (2143010-BSD1)							Prepared: 1	0/18/21	Analyzed: 10/19/21		
Diesel Range Organics (C10-C28)	475	25.0	500		95.0	38-132	1.43	20			
Surrogate: n-Nonane	56.0		50.0		112	50-200					



Chloride

### **QC Summary Data**

GHD 6121 Indian School Rd. NE #200		Project Name: Project Number	Project Name: Gumby Bag Federal #1 Project Number: 19034-0001 Project Manager: Zach Comino					Reported:	
Albuquerque NM, 87110		Project Manager						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
Blank (2142046-BLK1)							Prepared: 1	0/15/21 Aı	nalyzed: 10/15/21
Chloride	ND	20.0							
LCS (2142046-BS1)							Prepared: 1	0/15/21 Aı	nalyzed: 10/15/21
Chloride	245	20.0	250		98.0	90-110			
LCS Dup (2142046-BSD1)							Prepared: 1	0/15/21 Aı	nalyzed: 10/15/21

250

20.0

97.4

90-110

0.663

243

#### 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**

ſ	GHD	Project Name:	Gumby Bag Federal #1	
l	6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
1	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: GAD			RUSH?	La	b Use Only	0	1	Ana	lysis and Method	lab On
Project: Guylos Bog Federal Sampler: Zall Carrol	#/		1d 3d		ab WO#	MBG				MAC
Phone: (505) 377-4218 Email(s): Zech, Common@ GHD COM	/ Becky, t	Siel	duy	1903	b Number	by 8015 4	021	8.1	by 300.0	Lab Number
Project Manager: Bob - Alex Cegy	Sample Date	Sample Time	Page Matrix	Cor	ntainers YPE/Preservative	00	BTEX by 8021	TPH by 418.1	Chloride b	Lal
TPI-S	10112021	0815	S			X	×		×	1
TP1-1		0820				1	1		1	2
TP1-2		0875								3
TP1-3		0830								4
TP1-4		0835	-				Ш			5
TP2-S		0850								6
TP2-1		0855	-							1
TP2-2		0900								8
TP2-3		0905								9
TP2-4	4	0910	b			4	1		b	10
Relinquished by: (Signature)  Continue   Date   Time    Continue   Date   Time    Relinquished by: (Signature)   Date   Time    Continue   Date   Time    Continue   Date   Time    Continue   Date   Date   Time    Continue   Date   Date   Date    Continue   Date   Date   Date    Continue   Date   Date   Date    Continue   Date	Received	by: (Signat	-	Date 10-12-21 Date 10-13-13	Time	**Recei	_		Lab Use Only N T2	Т3
Gample Matrix: S Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		The			Container Type	: <b>g</b> - gla:	ss, p -	poly	/plastic, ag - amber g	lass, v - VOA
*Samples requiring thermal preservation must be received on ice the da Sample(s) dropped off after hours to a secure drop off area.	y they are sampled o		Custody	Notes/Billin		c on su	bseque	ent day	5.	
envirotech		ighway 64, Farmir				12-0615 Fx (	_			envirotech-inc.o

2 of 8

ient: GAD			RUSH?	La	b Use Only	6	1	Anal	ysis and Method	lab (
oject: Ginnb: Bog Federal Impler: Zeel Condo Innail(s): Zeel Condo Oject Manager: Bob Alex Cer Sample ID	Becker 1	Sample Time	1d 3d 3d Cung Page Matrix	PEII 1901 2 of 1	ab WO#  b Number  1 - 000    containers  YPE/Preservative	GRO/DRO by 8015 + AND	BTEX by 8021	TPH by 418.1	Chloride by 300.0	Lab Number
TPZ-S	[OIIZOZ]	0915	S			X	×		×	II
TP3-1		0920		H.		1	1			12
TP3-2		0925								13
TP7.7		0970				1				14
TP7-4		0175								15
TP4-C		0940					1			16
TP4-1		0945								n
TP4-2		0950								18
TP4.2		252				П				A
TP4-4	4	1000	1			4	4		4	20
Relinquished by (Signature) Date Time 10 · 12 · 21 / 64  Die Matrix Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	me Meived	by: (Signal	ture)	Date   Da	Time T 13 · OO A Container Type	1_ VG Te	mp °(	c47 poly/	Lab Use Only N 72 plastic, ag - amber	T3glass, v - VOA
amples requiring thermal preservation must be received on ice t	the day they are sampled o	r received pa	acked in Ice a		ove 0 but less than 6	°C on su	bseque	ent days	• <u> </u>	

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

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

envirotech Inc.

### **Envirotech Analytical Laboratory**

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.

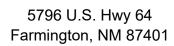
Client:	GHD	Date Received:	10/13/21 1	3:00	Work Order ID:	E110054
Phone:	(505) 366-7420	Date Logged In:	10/13/21 0	9:30	Logged In By:	Alexa Michaels
Email:	zach.comino@ghd.com	Due Date:	10/19/21 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location mate	ch the COC	Yes			
	imples dropped off by client or carrier?		Yes	Carrier: <u>F</u>	<u>Redex</u>	
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes			
	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		Yes	1	Comment	s/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project: Gumby Bag Fe	deral #1 (8-COCs
Sample C	· •				broke up into 4 reports)	
	ample cooler received?		Yes		E110054-COC pages 1	
	was cooler received in good condition?		Yes			& 2 with samples
9. Was the	sample(s) received intact, i.e., not broken?		Yes		01-20;	
	custody/security seals present?		No		E110057-COC pages 3	& 4 with samples
	were custody/security seals intact?				21-40;	
•	• •	CO. 200	NA		E110058-COC pages 5	& 6 with samples
12. was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are		Yes		41-60;	
	minutes of sampling	received w/1 15			· · · · · · · · · · · · · · · · · · ·	0.0 1:1 1
13. If no v	risible ice, record the temperature. Actual sample	temperature: 4°C	<u> </u>		E110059-COC pages 7	& 8 with samples
Sample C	ontainer_				61-75.	
14. Are ac	jueous VOC samples present?		No			
15. Are V	OC 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 no	on-VOC samples collected in the correct containers?		Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lab	<u>el</u>					
20. Were	field sample labels filled out with the minimum info	mation:				
	imple ID?		Yes			
	ate/Time Collected?		Yes	'		
	ollectors name?		No			
	reservation the COC or field labels indicate the samples were properties.	agamyad9	NI.			
	•	eserveu?	No NA			
	mple(s) correctly preserved? filteration required and/or requested for dissolved m	atole?	No			
	•	ctais:	NO			
-	se Sample Matrix	0				
	the sample have more than one phase, i.e., multiphase		No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
	mples required to get sent to a subcontract laborator	-	No			
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: NA	
Client In	<u>struction</u>					

Date

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

Report to:
Zach Comino





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





# 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

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 reguarding 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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labadmin@envirotech-inc.com

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Technical Representative Cell: 832-444-7704

tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

GHD	Project Name:	Gumby Bag Federal #1	Donoutoda
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
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.



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-S E110057-01

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	А	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	Α	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	Α	analyst: RAS		Batch: 2143004



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

### TP5-1 E110057-02

Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
	mg/kg		Di	Analyst:		7 mary 200	Batch: 2143002
Volatile Organic Compounds by EPA 8260B		mg/kg		1 maryst.	10/18/21	10/19/21	Daten: 2143002
Benzene	ND	0.0250		1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250		1			
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	

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

## TP5-2

	Reporting					
Result	Limit	Di	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2143002
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0500		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
	91.3 %	70-130		10/18/21	10/19/21	
	102 %	70-130		10/18/21	10/19/21	
	95.5 %	70-130		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2143002
ND	20.0		1	10/18/21	10/19/21	
	91.3 %	70-130		10/18/21	10/19/21	
	102 %	70-130		10/18/21	10/19/21	
	95.5 %	70-130		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst:	JL		Batch: 2143009
ND	25.0		1	10/18/21	10/19/21	
ND	50.0		1	10/18/21	10/19/21	
	104 %	50-200		10/18/21	10/19/21	
	104 %	20 200				
mg/kg	104 % mg/kg	20 200	Analyst:			Batch: 2143004
	mg/kg ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         0.0250           MD         95.5 %           mg/kg         mg/kg           ND         20.0           91.3 %         102 %           95.5 %         95.5 %           mg/kg         mg/kg           ND         25.0	Result         Limit         Di           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           91.3 %         70-130           95.5 %         70-130           mg/kg         mg/kg           ND         20.0           91.3 %         70-130           102 %         70-130           95.5 %         70-130           mg/kg         mg/kg           ND         25.0	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130           102 %         70-130           95.5 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           95.5 %         70-130         102 %           mg/kg         mg/kg         Analyst:           ng/kg         mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0500         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           91.3 %         70-130         10/18/21           95.5 %         70-130         10/18/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21           102 %         70-130         10/18/21           102 %         70-130         10/18/21           95.5 %         70-130         10/18/21           mg/kg         mg/kg         Analyst: JL           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0500         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           102 %         70-130         10/18/21         10/19/21           102 %         70-130         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21         10/19/21           102 %         70-130         10/18/21         10/19/21           102 %         70-130         10/18/21         10/19/21           102 %         70-130         10/18/21         10/19/21           mg/kg         mg/kg<



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**

		Reporting					
Analyte	Result	Limit	Dilu	tion	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	٠	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:	Л		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
	41.8	20.0	1		10/18/21	10/18/21	

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

#### TP5-4

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2143002
Benzene	ND	0.0250	1	l	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	[	10/18/21	10/19/21	
Toluene	ND	0.0250	1	l	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	l	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	l	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	l	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	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:	ЛL		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



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-S

		Reporting					
Analyte	Result	Limit	Di	lution	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	



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

### TP6-1 E110057-07

D 1	Reporting		1	D 1		N.
Kesult	Limit	Di	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2143002
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0500		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
	92.9 %	70-130		10/18/21	10/19/21	
	98.2 %	70-130		10/18/21	10/19/21	
	97.4 %	70-130		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2143002
ND	20.0		1	10/18/21	10/19/21	
	92.9 %	70-130		10/18/21	10/19/21	
	98.2 %	70-130		10/18/21	10/19/21	
	97.4 %	70-130		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst:	ЛL		Batch: 2143009
ND	25.0		1	10/18/21	10/19/21	
ND	50.0		1	10/18/21	10/19/21	
	110 %	50-200		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2143004
ND	20.0		1	10/18/21	10/18/21	
	ND Mg/kg ND ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           92.9 %         98.2 %           97.4 %         97.4 %           mg/kg         mg/kg           ND         20.0           92.9 %         98.2 %           97.4 %         97.4 %           mg/kg         mg/kg           ND         25.0           ND         50.0           110 %         mg/kg	Result         Limit         Di           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           92.9 %         70-130           98.2 %         70-130           97.4 %         70-130           98.2 %         70-130           98.2 %         70-130           98.2 %         70-130           97.4 %         70-130           97.4 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           110 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           92.9 %         70-130           98.2 %         70-130           97.4 %         70-130           98.2 %         70-130           98.2 %         70-130           97.4 %         70-130           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           110 %         50-200           mg/kg         Mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0500         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           92.9 %         70-130         10/18/21           98.2 %         70-130         10/18/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21           92.9 %         70-130         10/18/21           98.2 %         70-130         10/18/21           97.4 %         70-130         10/18/21           97.4 %         70-130         10/18/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0500         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           92.9 %         70-130         10/18/21         10/19/21           97.4 %         70-130         10/18/21         10/19/21           98.2 %         70-130         10/18/21         10/19/21           97.4 %         70-130         10/18/21         10/19/21           97.4 %         70-130         10/18/21         10/19/21           97.4 %         70-130         10/18/21         10/19/21           ND         25.0         1         10/18/21         10/19/21



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

		2110307 00				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: RKS		Batch: 2143002
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250	1	10/18/21	10/19/21	Batch. 2143002
	ND ND	0.0250	1	10/18/21	10/19/21	
Ethylbenzene Toluene	ND ND	0.0250	1	10/18/21	10/19/21	
	ND ND	0.0250	1	10/18/21	10/19/21	
o-Xylene	ND ND	0.0230	1	10/18/21	10/19/21	
p,m-Xylene Total Xylenes	ND ND	0.0300	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	A	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	A	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	



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

### TP6-3 E110057-09

D 1	Reporting	D.1				N.
Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2143002
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0500		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
	91.9 %	70-130		10/18/21	10/19/21	
	101 %	70-130		10/18/21	10/19/21	
	97.1 %	70-130		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2143002
ND	20.0		1	10/18/21	10/19/21	
	91.9 %	70-130		10/18/21	10/19/21	
	101 %	70-130		10/18/21	10/19/21	
	97.1 %	70-130		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst:	JL		Batch: 2143009
ND	25.0		1	10/18/21	10/19/21	
ND	50.0	<u> </u>	1	10/18/21	10/19/21	
	109 %	50-200		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2143004
ND	20.0		1	10/18/21	10/18/21	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           91.9 %         101 %           97.1 %         mg/kg           ND         20.0           91.9 %         101 %           97.1 %         97.1 %           mg/kg         mg/kg           ND         25.0           ND         50.0           109 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dile           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           91.9 %         70-130           101 %         70-130           97.1 %         70-130           101 %         70-130           101 %         70-130           97.1 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           91.9 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           91.9 %         70-130         1           97.1 %         70-130         1           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           109 %         50-200           mg/kg         Mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0500         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           101 %         70-130         10/18/21           101 %         70-130         10/18/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21           101 %         70-130         10/18/21           97.1 %         70-130         10/18/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21 <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21         10/19/21           ND         0.0500         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           10g/kg         mg/kg         Analyst: JL           ND         25.0         1</td>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21         10/19/21           ND         0.0500         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           10g/kg         mg/kg         Analyst: JL           ND         25.0         1



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

### TP6-4 E110057-10

		E110057-10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
maryc				1	Anaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	А	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	Α	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	Α	Analyst: RAS		Batch: 2143004
Chloride	91.0	20.0	1	10/18/21	10/18/21	



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

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2143002
Benzene	ND	0.0250	1	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	l	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	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	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	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



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

### TP7-1 E110057-12

	E110037-12					
Damlt	Reporting	D:1	ution	Duomonod	Amakuzad	Notes
Result	Limit	Dill	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: RKS		Batch: 2143002
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
ND	0.0500		1	10/18/21	10/19/21	
ND	0.0250		1	10/18/21	10/19/21	
	92.2 %	70-130		10/18/21	10/19/21	
	101 %	70-130		10/18/21	10/19/21	
	96.9 %	70-130		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst	: RKS		Batch: 2143002
ND	20.0		1	10/18/21	10/19/21	
	92.2 %	70-130		10/18/21	10/19/21	
	101 %	70-130		10/18/21	10/19/21	
	96.9 %	70-130		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst:	: Љ		Batch: 2143009
ND	25.0		1	10/18/21	10/19/21	
ND	50.0		1	10/18/21	10/19/21	
	106 %	50-200	·	10/18/21	10/19/21	
mg/kg	mg/kg		Analyst	: RAS		Batch: 2143004
ND	20.0		1	10/18/21	10/18/21	
	ND Mg/kg ND Mg/kg	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           92.2 %         101 %           96.9 %         mg/kg           ND         20.0           92.2 %         101 %           96.9 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0           106 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           92.2 %         70-130           101 %         70-130           96.9 %         70-130           mg/kg         mg/kg           ND         20.0           92.2 %         70-130           101 %         70-130           96.9 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           92.2 %         70-130           101 %         70-130           96.9 %         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           92.2 %         70-130         1           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           106 %         50-200           mg/kg         Analyst	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0500         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           101 %         70-130         10/18/21           101 %         70-130         10/18/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21           101 %         70-130         10/18/21           92.2 %         70-130         10/18/21           101 %         70-130         10/18/21           106 %         70-130         10/18/21           ND         25.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0500         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21         10/19/21           101 %         70-130         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21         10/19/21



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

### TP7-2 E110057-13

D. I				D 1		N. A
Result	Limit	Dilui	tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	1	Analyst: RI	KS		Batch: 2143002
ND	0.0250	1	ļ	10/18/21	10/19/21	
ND	0.0250	1	!	10/18/21	10/19/21	
ND	0.0250	1	!	10/18/21	10/19/21	
ND	0.0250	1	l	10/18/21	10/19/21	
ND	0.0500	1	!	10/18/21	10/19/21	
ND	0.0250	1	l	10/18/21	10/19/21	
	94.4 %	70-130		10/18/21	10/19/21	
	103 %	70-130		10/18/21	10/19/21	
	98.6 %	70-130		10/18/21	10/19/21	
mg/kg	mg/kg	1	Analyst: RI	KS		Batch: 2143002
ND	20.0	1		10/18/21	10/19/21	
	94.4 %	70-130		10/18/21	10/19/21	
	103 %	70-130		10/18/21	10/19/21	
	98.6 %	70-130		10/18/21	10/19/21	
mg/kg	mg/kg	1	Analyst: JL			Batch: 2143009
ND	25.0	1		10/18/21	10/19/21	
ND	50.0	1		10/18/21	10/19/21	
	108 %	50-200		10/18/21	10/19/21	
mg/kg	mg/kg		Analyst: RA	AS		Batch: 2143004
ND	20.0	1		10/18/21	10/18/21	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           94.4 %         103 %           98.6 %         mg/kg           ND         20.0           94.4 %         103 %           98.6 %         mg/kg           Mg/kg         mg/kg           ND         25.0           ND         50.0           108 %         mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           103 %         70-130           103 %         70-130           98.6 %         70-130           103 %         70-130           103 %         70-130           103 %         70-130           103 %         70-130           103 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           108 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst: RI           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           94.4 %         70-130           103 %         70-130           98.6 %         70-130           mg/kg         mg/kg         Analyst: RI           ND         20.0         1           98.6 %         70-130         1           mg/kg         mg/kg         Analyst: RI           ND         25.0         1           ND         25.0         1           ND         50.0         1           108 %         50-200           mg/kg         Analyst: RI	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0500         1         10/18/21           ND         0.0500         1         10/18/21           ND         0.0250         1         10/18/21           103 %         70-130         10/18/21           98.6 %         70-130         10/18/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21           94.4 %         70-130         10/18/21           98.6 %         70-130         10/18/21           98.6 %         70-130         10/18/21           98.6 %         70-130         10/18/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21         10/19/21           ND         0.0500         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           103 %         70-130         10/18/21         10/19/21           103 %         70-130         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21         10/19/21           103 %         70-130         10/18/21         10/19/21           103 %         70-130         10/18/21         10/19/21           108 %         70-130         10/18/21         10/19/21           101 / 101 / 101



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

### TP7-3 E110057-14

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
		mg/kg		Analyst: RKS	111111, 200	Batch: 2143002
Volatile Organic Compounds by EPA 8260B	mg/kg			10/18/21	10/19/21	Batch: 2143002
Benzene	ND	0.0250	1			
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	А	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	Α	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	Α	Analyst: RAS		Batch: 2143004
Chloride	80.4	20.0	1	10/18/21	10/18/21	

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

### TP7-4 E110057-15

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	RKS		Batch: 2143002
Benzene	ND	0.0250	1	1	10/18/21	10/19/21	
Ethylbenzene	ND	0.0250	1	1	10/18/21	10/19/21	
Toluene	ND	0.0250	1	1	10/18/21	10/19/21	
o-Xylene	ND	0.0250	1	1	10/18/21	10/19/21	
p,m-Xylene	ND	0.0500	1	1	10/18/21	10/19/21	
Total Xylenes	ND	0.0250	1	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: l	RKS		Batch: 2143002
Gasoline Range Organics (C6-C10)	ND	20.0	1	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: J	JL		Batch: 2143009
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/18/21	10/19/21	
Oil Range Organics (C28-C36)	ND	50.0	1	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: l	RAS		Batch: 2143004
Chloride	100	20.0	1	1	10/18/21	10/18/21	



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

### TP8-S

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	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: F	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: J	īL		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: F	RAS		Batch: 2143004
Allions by EPA 500.0/9050A							



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

## TP8-1

		E110057-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	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

20.0

1

10/18/21

10/18/21

ND



Chloride

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

#### **TP8-2**

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	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: I	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: J	πL		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: I	RAS		Batch: 2143004



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

#### **TP8-3**

		E110057-19					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	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	



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

## **TP8-4**

		E110057-20					
		Reporting					
Analyte	Result	Limit	Dilı	ıtion	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	



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

Result   Limit   Level   Result   Res	Albuquerque NM, 87110		Project Manage	r: Za	ach Comino					10/19/2021 6:09:41P	
Result   Limit   Level   Result   Result   Result   Report   Limit   Report   Limit   Report   Limit   Report   Limit   Report   Report	Volatile Organic Compounds by EPA 8260B  Analyst: RKS										
Sank (2143002-BLK1)	Analyte	Result				Rec		RPD			
ND		mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
hylbenzene ND 0.0250	Blank (2143002-BLK1)							Prepared: 1	0/18/21 A	Analyzed: 10/18/21	
ND   0.0250   NJene   ND   0.0250   NJene   ND   0.0250   NJene   ND   0.0500   NJene	Benzene		0.0250								
ND   0.0250   ND   0.0500	Ethylbenzene		0.0250								
ND   0.0500   ND   0.0250   ND   ND   0.0250   ND   ND   ND   ND   ND   ND   ND   N	Toluene		0.0250								
ND   0.0250	o-Xylene		0.0250								
1	p,m-Xylene										
No.   No.	Total Xylenes	ND	0.0250								
	Surrogate: Bromofluorobenzene	0.444		0.500		88.8	70-130				
Prepared: 10/18/21   Analyzed: 10/18/21   Analyze	Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130				
Senzene   3.17   0.0250   2.50   127   70-130   127   70-130   127   70-130   127   70-130   127   70-130   127   70-130   127   70-130   127   70-130   127   70-130   127   70-130   127   70-130   128	Surrogate: Toluene-d8	0.491		0.500		98.2	70-130				
Analyzed: 10/19/21   Analyze	LCS (2143002-BS1)							Prepared: 10	0/18/21 A	Analyzed: 10/18/21	
Solume   3.25   0.0250   2.50   130   70-130	Benzene	3.17	0.0250	2.50		127	70-130				
No.   No.	Ethylbenzene	3.17	0.0250	2.50		127	70-130				
123   70-130   125   70-130   126   127   70-130   127   70-130   128	Toluene	3.25	0.0250	2.50		130	70-130				
September   Sept	o-Xylene	3.00	0.0250	2.50		120	70-130				
######################################	p,m-Xylene	6.17	0.0500	5.00		123	70-130				
CCS Dup (2143002-BSD1)   Prepared: 10/18/21   Analyzed: 10/19/21	Total Xylenes	9.17	0.0250	7.50		122	70-130				
CCS Dup (2143002-BSD1)   Prepared: 10/18/21   Analyzed: 10/19/21	Surrogate: Bromofluorobenzene	0.462		0.500		92.3	70-130				
Prepared: 10/18/21   Analyzed: 10/19/21	Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130				
Separate   3.17   0.0250   2.50   127   70-130   0.174   23	Surrogate: Toluene-d8	0.508		0.500		102	70-130				
thylbenzene     3.15     0.0250     2.50     126     70-130     0.680     27       foluene     3.21     0.0250     2.50     129     70-130     1.24     24       -Xylene     2.98     0.0250     2.50     119     70-130     0.753     27       ,m-Xylene     6.18     0.0500     5.00     124     70-130     0.227     27       otal Xylenes     9.16     0.0250     7.50     122     70-130     0.0928     27       utrogate: Bromofluorobenzene     0.463     0.500     92.6     70-130     70-130	LCS Dup (2143002-BSD1)							Prepared: 1	0/18/21 A	Analyzed: 10/19/21	
thylbenzene     3.15     0.0250     2.50     126     70-130     0.680     27       foluene     3.21     0.0250     2.50     129     70-130     1.24     24       -Xylene     2.98     0.0250     2.50     119     70-130     0.753     27       ,m-Xylene     6.18     0.0500     5.00     124     70-130     0.227     27       otal Xylenes     9.16     0.0250     7.50     122     70-130     0.0928     27       utrogate: Bromofluorobenzene     0.463     0.500     92.6     70-130     70-130	Benzene	3.17	0.0250	2.50		127	70-130	0.174	23		
-Xylene       2.98       0.0250       2.50       119       70-130       0.753       27         ,m-Xylene       6.18       0.0500       5.00       124       70-130       0.227       27         otal Xylenes       9.16       0.0250       7.50       122       70-130       0.0928       27         uurrogate: Bromofluorobenzene       0.463       0.500       92.6       70-130       70-130       70-130	Ethylbenzene	3.15		2.50		126	70-130	0.680	27		
m-Xylene 6.18 0.0500 5.00 124 70-130 0.227 27 27 27 27 28 29 29 20 20 21 22 70-130 0.0928 27 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	Toluene	3.21	0.0250	2.50		129	70-130	1.24	24		
Ordal Xylenes         9.16         0.0250         7.50         122         70-130         0.0928         27           currogate: Bromofluorobenzene         0.463         0.500         92.6         70-130         70-130	o-Xylene	2.98	0.0250	2.50		119	70-130	0.753	27		
turrogate: Bromofluorobenzene 0.463 0.500 92.6 70-130	o,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		
urrogate: 1,2-Dichloroethane-d4 0.505 0.500 101 70-130	Surrogate: Bromofluorobenzene	0.463		0.500		92.6	70-130				
	Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130				

0.500

99.2

70-130

0.496



Surrogate: Toluene-d8

 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	hv	FPA 8015D	- CRO
Nominalogenateu	Organics	υy	LIA OUISD	- GKO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2143002-BLK1)						1	Prepared: 1	0/18/21 Analy	yzed: 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)						1	Prepared: 1	0/18/21 Analy	yzed: 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)					I	repared: 10	/18/21 Ana	lyzed: 10/19/21
Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	105	70-130	0.362	20	

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0	105	70-130	0.362
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	

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

Albuquerque NM, 87110		Project Manager	r: Za	ch Comino					10/19/2021 6:09:41PM
	Nonha	logenated Or	ganics by l	EPA 8015I	) - 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 Limi %	
Blank (2143009-BLK1)							Prepared: 1	0/18/21	Analyzed: 10/18/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	61.0		50.0		122	50-200			
LCS (2143009-BS1)							Prepared: 1	0/18/21	Analyzed: 10/18/21
Diesel Range Organics (C10-C28)	538	25.0	500		108	38-132			
Surrogate: n-Nonane	52.1		50.0		104	50-200			
LCS Dup (2143009-BSD1)							Prepared: 1	0/18/21	Analyzed: 10/19/21
Diesel Range Organics (C10-C28)	548	25.0	500		110	38-132	1.70	20	
Surrogate: n-Nonane	52.9		50.0		106	50-200			

GHD 6121 Indian School Rd. NE #200		Project Name: Project Number:		Gumby Bag Fed 19034-0001	deral #1				Reported:
Albuquerque NM, 87110		Project Manager		Zach Comino					10/19/2021 6:09:41PM
		Anions	by EPA	300.0/9056A	<b>\</b>				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 (2143004-BLK1)							Prepared: 1	0/18/21 A	nalyzed: 10/18/21
Chloride	ND	20.0							
LCS (2143004-BS1)							Prepared: 10	0/18/21 A	nalyzed: 10/18/21
Chloride	241	20.0	250		96.5	90-110			
LCS Dup (2143004-BSD1)							Prepared: 10	0/18/21 A	nalyzed: 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**

ſ	GHD	Project Name:	Gumby Bag Federal #1	
l	6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
1	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.



3 018

Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Lab Use Only  **Received on Ice Y N  Time  Relinquished by: (Signature)  Date  Time  Date  Time  T1  T2  T3  AVG Temp °C  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.	nt: (3HL)			RUSH?	Lab Use Only	6	1	Ana	alysis and Method	lab C
Individual control of the control of	ect: Gumbs Ban Federal	#/		1d	Lab WO#	19	4			
TPS-S  IOIZOZI INSS S  X X X X I  TPS-Z  TPS-Z  IOSO  TPS-Y  IOZO  TPS-Y  IOZO  TPG-S  IOZO  TPG-S  IOZO  TPG-S  IOZO  TPG-I  IOZO  TIme  IOZO  IOZO  TIME  IOZO  TIME  IOZO  IOZO  IOZO  TIME  IOZO	pler: Zach Compo		_/	3d	PEHCO63	14	1			<u></u>
TPS-S  IONZOZI 1005 S  TPS-7  IONZOZI 1005 S  TPG-1  IONZOZI 1005 S  TPG-1  IONZOZI 1005 S  TPG-1  IONZOZI 1005 S  TPG-1  IONZOZI 1005 S  Religinquished by: (Signatura)  Date Time Received by: (Signatura)  IONZOZI 1005 S  Religinquished by: (Signatura)  Date Time IONZOZI 1005 S  Religinquished by: (Signatura)  Received by: (Signatura)  Date Time IONZOZI 1005 S  Religinquished by: (Signatura)  Date Time IONZOZI 1005 S  Religinquished by: (Signatura)  Received by: (Signatura)  Date Time IONZOZI 1005 S  Religinquished by: (Signatura)  Received by: (Signatura)  Date Time IONZOZI 1005 S  Religinquished by: (Signatura)  Received an available to the time IONZOZI 1005 S  Received an available to the time IONZOZI 1005 S  Received an available to the time IONZOZI 1005 S  Received b	ne: (505) 377-4218		(2	dy		8015	1		0.00	qur
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TRS-7  TRS-7  TRS-3  TR	Sample ID	Sample Date		Matrix		18		TPH		1 (4)
TPS-7  TPS-3  TP	TPS-S	Isosilal	1005	5		X	×		×	1
TPS-7  TPS-7  TPS-7  TPS-7  TPS-7  TPS-7  TPG-1  TPG-2  TPG-1  TP	TRS-1	1	10,0	,		,				2
Relinquished by: (Signature)  Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  No.12.21  Date  Time  Date  Time  Date  Time  Date  Time  Date  Time  No.12.21  Date  Time  Date  Time  Date  Time  Date  Time  Date  Time  Received on Ice Y  N  Ta  AVG Temp °C  AVG Temp °C  Container Type: g - glass, p - poly/plastic, ag - amber glass, v - Vo.6  Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above of but less than 6 °C on subsequent days.	TPS-7									3
Relinquished by: (Signature)  Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Ta  AVG Temp °C  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 any temp above 0 but less than 6 °C on subsequent days.	TP5-3		1020			$\prod$	П			4
Relinquished by: (Signature)  Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received on Ice Y IN  Time  Received on Ice Y IN  Time  Date  Time	TP5:4									5
Relinquished by: (Signature)  Date Time Received by: (Signature)  Date Time Received by: (Signature)  Date Time Received on Ice Y  N  Relinquished by: (Signature)  Date Time Date Time Received on Ice Y  N  T1  T2  T3  AVG Temp °C  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.	TPG-S			97						6
Relinquished by: (Signature)  Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Date  Time  Date  Time  Date  Time  T1  T2  T3  AVG Temp °C  AVG Temp °C  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.			1025							7
Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Aveceived by: (Signature)  Date  Time  Date  Time  To Inc.  To										8
Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  Date  Time  T1  T2  T3  AVG Temp °C  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.										9
Relinquished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time  T1  T2  T3  Date  AVG Temp °C  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.	TP6-4	4	1.1.1.3	4		4	4		*	10
Relinquished by: (Signature)  Date  Time  T1  T2  T3  Date  T3  Date  T3  Date  T3  Date  T3  Date  T3  Date  Date  Time  Date  T4  Date  T4  Date  T5  Date  T6  Date  T7  Date  T7  Date  T7  Date  T8  Date  T3  Date  Date  Time  T4  Date  T7  Date  T3  Date  Date  Time  T4  Date  TA  Date  Date  Time  T4  Date  Date  TA  Date  Date  TA  Date  Date  Date  Time  T4  Date  Date  TA  Date  Ta  Date		Received		tupe)				TE		
10 · /2·21   /645	- Caning 13/ 10112021 163C	The street	Jak	-		Recei	ved	on Ic	(Y) N	TO
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.		Received	N. C.	KOL		G Te	mp °	4	12	13
				0					/plastic, ag - amber gla	iss, v - VOA
Chain of Contact. Motor/Rilling info	iples requiring thermal preservation must be received on ice the da	they are sampled or				on su	bseque	ent day	/s.	
Sample(s) dropped off after hours to a secure drop off area.  Chain of Custody  Notes/Billing info:	Sample(s) dropped off after hours to a secure drop off area.		Chain of	Custody	Notes/Billing info:					

				EII	~~=-					4	of 8
(12)			L. L.	-	F5001	10				Tak	Only
Client: GHO			RUSH?		ab Use Only	10	<del>) - </del>	Analysis a	nd Method	lab	Only
Project: Gumbs Sag Federal	#/		1d	The second secon	Lab WO#	N COM	1 1				N/V
Sampler: Zach Combo		_	3d	_	40005	5 7				P -	v (s)
Phone: (505) 377-4218		(5	day	) ] '	ob Number	8015	M	0.0		qu	/Prs
Email(s): Zah, Commo @ GHD can	Becky. F	Lusteel	ecu	190	34-000	<u>۱</u>	021	418.1 e by 3(	IIII	Lab Number	Cont
Project Manager: Bob - Acher @ expr	esantes.	coin	Page		8 2020	34 2	百	oy 4	111	1 2	ect (
Sample ID	Sample Date	Sample Time	Matrix		ontainers TYPE/Preservativ	GRO/DRO by 8015 +	BTEX by 8021	TPH by 418.1 Chloride by 300.0			Correct Cont/Prsrv (s) Y/N
TP7-5	ISOSIIO	1055	5			Х	X	×		11	
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							П			13	
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TP1-3		mo					Ш			I lu	1
TP7-4		1115				1				IS	>
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TP8-7		1175								19	
TP8-4	14	nyo	4			6	1	1		2	3
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Zuch Campus 12/2 10112021 1630	1	- /-	-	10.12.21	1/00		ived o	n Ice(Y)	N	-	
Relinquished by: (Signature) Date Time 10-12-21 16-45	- Reived	by Signar	ure)	N/321		T1 AVG Te				T3	
Sample Natrix: S Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		-			Container Typ				c, ag - amber g	lass, v - VO	A
**Samples requiring thermal preservation must be received on ice the day	they are sampled o					6 °C on su	bsequer	nt days.			
Sample(s) dropped off after hours to a secure drop off area.		Chain of	Custody	Notes/Billi	ng info:						
<b>Senvirotech</b>	5796 US H	ighway 64, Farmir	ogton, NM 87401		Ph (505)	632-0615 Fx	565) 632-1	865		envested	Hocoon
Analytical Laboratory	-			Jurango, (0 81301	Ph (970)	259-0615 Fr(	E00) 362-1	879	1	boratory environst	out cour

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

## **Envirotech Analytical Laboratory**

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.

	8		-,		· 1
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	Oue Date:	10/19/21	17:00 (4 day TAT)	
1. Does th	Custody (COC) e sample ID match the COC?		Yes		
	e number of samples per sampling site location match	the COC	Yes		
3. Were sa	mples dropped off by client or carrier?		Yes	Carrier: <u>F</u>	<u>Sedex</u>
	COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes		
	I samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.		Yes		Comments/Resolution
	urn Around Time (TAT)				Projects Gumby Dag Fodoral #1 (2 COCs
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project: Gumby Bag Federal #1 (8-COCs
Sample C	<del></del>				broke up into 4 reports)
	ample cooler received?		Yes		E110054-COC pages 1 & 2 with samples
8. If yes, v	vas cooler received in good condition?		Yes		01-20;
9. Was the	sample(s) received intact, i.e., not broken?		Yes		E110057-COC pages 3 & 4 with samples
10. Were	custody/security seals present?		No		
11. If yes,	were custody/security seals intact?		NA		21-40;
12. Was the	sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are reminutes of sampling		Yes		E110058-COC pages 5 & 6 with samples 41-60;
13. If no v	isible ice, record the temperature. Actual sample te	mperature: 0°C	2		E110059-COC pages 7 & 8 with samples
Sample C			_		61-75.
_	ueous VOC samples present?		No		
	OC samples collected in VOA Vials?		NA		
	nead space less than 6-8 mm (pea sized or less)?		NA		
	trip blank (TB) included for VOC analyses?		NA		
	on-VOC samples collected in the correct containers?		Yes		
	ppropriate volume/weight or number of sample containers.	re collected?	Yes		
		s conecteur	103		
	er ield sample labels filled out with the minimum inform mple ID?	nation:	Yes		
	ate/Time Collected?				
	ollectors name?		Yes Yes		
Sample P	reservation		105		
	he COC or field labels indicate the samples were pres	erved?	No		
	mple(s) correctly preserved?		NA		
	filteration required and/or requested for dissolved met	als?	No		
	se Sample Matrix				
	he sample have more than one phase, i.e., multiphase	7	No		
	does the COC specify which phase(s) is to be analyze				
			NA		
	act Laboratory				
	mples required to get sent to a subcontract laboratory subcontract laboratory specified by the client and if so		No NA	Subcontract Lab	o: NA
Client In	struction				

Date

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

Report to:

Zach Comino



5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding 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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tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

Γ	GHD	Project Name:	Gumby Bag Federal #1	Donoutoda
ı	6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
l	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.



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 4:17:25PM

## TP9-S

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2143003
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0500	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
	99.7 %	70-130	10/18/21	10/19/21	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2143003
ND	20.0	1	10/18/21	10/19/21	
	91.4 %	70-130	10/18/21	10/19/21	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2143008
ND	25.0	1	10/18/21	10/18/21	
ND	50.0	1	10/18/21	10/18/21	
	102 %	50-200	10/18/21	10/18/21	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2143005
ND	20.0	1	10/18/21	10/18/21	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0250           MB/kg         mg/kg           MB/kg         mg/kg           ND         25.0           ND         50.0           102 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           MB/kg         mg/kg         Ana           ND         20.0         1           MB/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           102 %         50-200           mg/kg         mg/kg         Ana	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0500         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21           ND         25.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21           ng/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0500         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21         10/18/21           ND         50.0         1         10/18/21         10/18/21           ND         50.0         1         10/18/21         10/18/21           ND         50.0

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 4:17:25PM

## TP9-1

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		105 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2143005
Chloride	ND	20.0	1	10/18/21	10/18/21	



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 4:17:25PM

## TP9-2

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		107 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2143005
Chloride	ND	20.0	1	10/18/21	10/18/21	



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 4:17:25PM

## TP9-3

		2110000 0.				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
· ·	mg/kg	mg/kg		st: RKS	7 mary 200	Batch: 2143003
Volatile Organics by EPA 8021B			7 thary.		10/10/21	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	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		109 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2143005
Chloride	348	20.0	1	10/18/21	10/18/21	



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 4:17:25PM

## TP9-4

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		105 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2143005
Chloride	173	20.0	1	10/18/21	10/18/21	



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 4:17:25PM

## TP10-S

E110058-06								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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			
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	10/18/21	10/19/21			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2143003		
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21			
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	10/18/21	10/19/21			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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			
Surrogate: n-Nonane		109 %	50-200	10/18/21	10/18/21			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2143005		
Chloride	ND	20.0	1	10/18/21	10/18/21			



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 4:17:25PM

## TP10-1 E110058-07

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: 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	
Surrogate: n-Nonane		112 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2143005
Chloride	ND	20.0	1	10/18/21	10/18/21	



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 4:17:25PM

## TP10-2

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		111 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2143005
Chloride	ND	20.0	1	10/18/21	10/18/21	



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 4:17:25PM

## TP10-3 E110058-09

	E110030 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2143003
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0500	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
	98.2 %	70-130	10/18/21	10/19/21	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2143003
ND	20.0	1	10/18/21	10/19/21	
	91.1 %	70-130	10/18/21	10/19/21	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2143008
ND	25.0	1	10/18/21	10/18/21	
ND	50.0	1	10/18/21	10/18/21	
	102 %	50-200	10/18/21	10/18/21	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2143005
20.9	20.0	1	10/18/21	10/18/21	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           98.2 %         mg/kg           MD         20.0           91.1 %         mg/kg           ND         25.0           ND         50.0           102 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           98.2 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           91.1 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           102 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0500         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21           ND         25.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21           mg/kg         mg/kg         Analyst: RAS	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0500         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           MD         0.0250         1         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: JL         10/19/21           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         10/18/21         10/18/21           ND         25.0         1         10/18/21         10/18/21         10/18/21           ND         50.0         1         10/18/21         10/18/21           ND         50.0         1         10/18/21         10/18/21           Mg/k



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 4:17:25PM

## TP10-4 E110058-10

		E110030-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	kg mg/kg Analyst: RKS			Batch: 2143003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	11	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	Analys	st: RAS		Batch: 2143005
Chloride	ND	20.0	1	10/18/21	10/18/21	



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 4:17:25PM

## **TP11-S**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		109 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2143005
Chloride	165	20.0	1	10/18/21	10/18/21	



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 4:17:25PM

## TP11-1 E110058-12

		E110030-12				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		115 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2143005
Chloride	27.0	20.0	1	10/18/21	10/19/21	



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 4:17:25PM

## **TP11-2**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		105 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2143005
Chloride	239	20.0	1	10/18/21	10/19/21	



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 4:17:25PM

## TP11-3

		E110058-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6%	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		115 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2143005
Chloride	504	20.0	1	10/18/21	10/19/21	



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 4:17:25PM

## TP11-4 E110058-15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	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	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		110 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2143005
Chloride	224	20.0	1	10/18/21	10/19/21	·



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 4:17:25PM

## TP12-S E110058-16

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	Analyst: RKS		Batch: 2143003
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
ND	0.0500	1	10/18/21	10/19/21	
ND	0.0250	1	10/18/21	10/19/21	
	97.2 %	70-130	10/18/21	10/19/21	
mg/kg	mg/kg	Analyst: RKS			Batch: 2143003
ND	20.0	1	10/18/21	10/19/21	
	89.9 %	70-130	10/18/21	10/19/21	
mg/kg	mg/kg	Analy	yst: JL		Batch: 2143008
ND	25.0	1	10/18/21	10/18/21	
ND	50.0	1	10/18/21	10/18/21	
	109 %	50-200	10/18/21	10/18/21	
mg/kg	mg/kg	Analy	yst: RAS		Batch: 2143005
745	20.0	1	10/18/21	10/19/21	
	mg/kg ND Mg/kg ND mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MD         20.0           89.9 %         mg/kg           MD         25.0           ND         50.0           109 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.2 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           89.9 %         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           109 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0500         1         10/18/21           ND         0.0250         1         10/18/21           ND         0.0250         1         10/18/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/18/21           ND         25.0         1         10/18/21           ND         50.0         1         10/18/21           ND         50.0         1         10/18/21           Mg/kg         mg/kg         Analyst: RAS	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0500         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           ND         0.0250         1         10/18/21         10/19/21           mg/kg         70-130         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         10/18/21         10/19/21           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         10/18/21         10/18/21           ND         25.0         1         10/18/21         10/18/21         10/18/21           ND         50.0         1         10/18/21         10/18/21           ND         50.0         1         10/18/21         10/18/21           ND



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 4:17:25PM

## TP12-1 E110058-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		113 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2143005
Chloride	1180	20.0	1	10/18/21	10/19/21	



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 4:17:25PM

## TP12-2

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		107 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2143005
Chloride	904	20.0	1	10/18/21	10/19/21	•



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 4:17:25PM

## TP12-3 E110058-19

		E110030 17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: 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	
Surrogate: n-Nonane		111 %	50-200	10/18/21	10/18/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2143005
Chloride	477	20.0	1	10/18/21	10/19/21	



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 4:17:25PM

## TP12-4 E110058-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: RKS		Batch: 2143003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/18/21	10/19/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	10/18/21	10/19/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: 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	
Surrogate: n-Nonane		113 %	50-200	10/18/21	10/19/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: RAS		Batch: 2143005
Chloride	213	20.0	1	10/18/21	10/19/21	·



Surrogate: 4-Bromochlorobenzene-PID

# **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

6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Number: Project Manager:		9034-0001 ach Comino					10/19/2021 4:17:25PM	
Volatile Organics by EPA 8021B										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2143003-BLK1)							Prepared: 10	D/18/21 A	Analyzed: 10/18/21	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
p-Xylene	ND	0.0250								
o,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	0/18/21 <i>A</i>	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				
p-Xylene	4.96	0.0250	5.00		99.3	70-130				
o,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	D/18/21 A	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		
p-Xylene	4.92	0.0250	5.00		98.5	70-130	0.825	20		
77.1	9.75	0.0500	10.0		97.5	70-130	0.794	20		
o,m-Xylene	14.7	0.0300	15.0		97.8	70-150	0.805	20		

70-130



# **QC Summary Data**

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

Albuquerque NM, 87110		Project Manager	r: Za	ch Comino					10/19/2021 4:17:25F
	Non	halogenated (	Organics l	by EPA 801	15D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2143003-BLK1)							Prepared: 1	0/18/21	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: 1	0/18/21	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: 1	0/18/21	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

Albuquerque NM, 87110		Project Manager	r: Za	ch Comino					10/19/2021 4:17:25PN		
	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 Limi %			
Blank (2143008-BLK1)							Prepared: 1	0/18/21	Analyzed: 10/18/21		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	60.0		50.0		120	50-200					
LCS (2143008-BS1)							Prepared: 1	0/18/21	Analyzed: 10/18/21		
Diesel Range Organics (C10-C28)	463	25.0	500		92.5	38-132					
urrogate: n-Nonane	53.2		50.0		106	50-200					
LCS Dup (2143008-BSD1)							Prepared: 1	0/18/21	Analyzed: 10/18/21		
Diesel Range Organics (C10-C28)	474	25.0	500		94.8	38-132	2.41	20			
Gurrogate: n-Nonane	54.2		50.0		108	50-200					

Chloride

## **QC Summary Data**

GHD 6121 Indian School Rd. NE #200		Project Name: Project Number:		Gumby Bag Fee 19034-0001	deral #1				Reported:
Albuquerque NM, 87110		Project Manager	r: .	Zach Comino				1	0/19/2021 4:17:25PM
		Anions	by EPA	300.0/9056	4				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 (2143005-BLK1)							Prepared: 1	0/18/21 An	alyzed: 10/18/21
Chloride	ND	20.0							
LCS (2143005-BS1)							Prepared: 1	0/18/21 An	alyzed: 10/18/21
Chloride	243	20.0	250		97.2	90-110			
LCS Dup (2143005-BSD1)							Prepared: 1	0/18/21 An	alyzed: 10/18/21

250

20.0

97.1

90-110

0.169

20

243

#### 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.



envirotech Analytical Laboratory

8 to 5

							Notes/Billing info:	ybotsu	Chain of C	·	ter hours to a secure drop off area.	Sample(s) dropped off at
								e te aol ni bax	loeq baviacan	ιελ ste sampled or	reservation must be received on ice the day t	
	AOV - v ,22	ge - amber glas	plastic, s	/γloq	1 - d '	glass	- 8 :9qyT renistno2		-	-	lid, Sg - Sludge, A - Aqueous, O - Other	loz - bz , lioz 2 : xinteM & grin
	ет	-					LT Sing Sing Sing Sing Sing Sing Sing Sing		intensi?) vic	Received		Relinguished by: (Yigha
		ylnO əs	Lab Us	ol u	o pə	viəsə	## CO/\ S1.15.0		iutensik) :yo		Date Time	Relinquished by: (Signa
	01		A		A	1		1	0521	h	P-01	9T
	6				I				255	1	2-0	191
	2								0221		2.0	IPI
	L				I				25/21		1-0	3191
V	9		$\top$		$\parallel$				0151		5-0	NAT
	9				1	$\parallel$			2051		þ	-bdL
	h				T	$\dagger$			0051		Σ-	-697
	٤		#		1	H			2511		2	-PGT
	2		+		+	+	7	+1	0.51			1-621
	1		×		×	X		S	1142	1505/101	S	-601
Corre				ТРН Ь	(E)	(RO)	Containers QTY - Vol/TYPE/Preservative	xintsM	Sample 9miT	Sample Date	Sample ID	
Correct Cont/Prsrv (s) Y/N	Lab N		hloride by 300.0	TPH by 418.1	BTEX by 8021	GRO/DRO by 8015 +	10034-0001	Page Page		H Secky H	Colo- Achero ery	Email(s): كدر ردي Project Manager:
/Prsrv	Lab Number		00.0		M	8015+	тор Иитрег (	-	-\$)	. , ,	815P-FFE	byone: (202)
(s) Y/N			1			Salar	Sec 110068	95 DI	T -	H	150g Federal	Project: Guinalo Sampler: Zach
λļu(	O del	Method	one sisyle	anA	-	U	Lab Use Only	ะหราช			(1	Client:
											_	

Three Springs - 65 Mercado Streez, Suite 115, Durango, (O 81361

196 US Highway 64, Farmington, NM 87401

6181-595 (608) 11 5190-655 (016) 49

5981-269 (505) #3 5190-269 (505) 44

Page 31 of 33

8 to 7

Sample(s) dropped off after hours to a secure drop off area. Chain of Custody Notes/Billing info: amples 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. Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Matrix: 8-80il, 5d - Solid, 5g - Sludge, A - Aqueous, O - Other D° qm9T DVA SSS C 537 12.21-01 VInO esU deJ N (3) est no beviese8\*\* Received by: (Signature) (°3) 1505110 00/1 12.21.01 Relinquished by: (Signature) 0221 77 コアビ 5-2141 OFEI 81 5221 E 0521 9 1312 H. 119T 9 IP11-3 1310 h 5-1197 5/21 3 1-119T ODE 2 552 120210 X 11 BTEX by 8021 GRO/DRO by 8015 + MD QTY - Vol/TYPE/Preservative Correct Cont/Prsrv (s) Y/N chloride by 300.0 TPH by 418.1 Sample Containers ALEVO CON Page Project Manager: Lab Number G CHD Email(s): Zc. 1000-HEOPI :euoyd Job Number Sampler: 8900113d Project: Lab WO# Analysis and Method Client: Lab Use Only RUSH?

Three Springs - 65 Mercado Street, Suite 115, Durango, (O 81301

102/18 MM anotpalanta, 1-2 yewdelit 2U 20/2

6481-436 (008) 14 2190-627 (016) 49

5981-269 (505) #1 5190-269 (505) 44

Analytical Laboratory

envirotech

envirotech Inc.

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

## **Envirotech Analytical Laboratory**

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 13:0	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)		
<i>a</i>	G + 1 (GOG)					
	Custody (COC)					
	e sample ID match the COC?  e number of samples per sampling site location mat	oh the COC	Yes			
	imples dropped off by client or carrier?	ch the COC	Yes	G : F	Ĩ	
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes Yes	Carrier: Fo	<u>edex</u>	
	I samples received within holding time?	sted analyses:	Yes			
5	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion	•	100	_	Comment	s/Resolution
Sample T	urn Around Time (TAT)					1 1 1/1 (0 000
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project: Gumby Bag Fe	deral #1 (8-COCs
Sample C	<del></del> "				broke up into 4 reports)	
	ample cooler received?		Yes		E110054-COC pages 1	& 2 with samples
•	was cooler received in good condition?		Yes		01-20;	
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		E110057-COC pages 3	& 4 with samples
10. Were	custody/security seals present?		No		21-40;	co i widi sampios
11. If yes,	were custody/security seals intact?		NA		*	0.6.41 1
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C,		Yes		E110058-COC pages 5	& 6 with samples
	Note: Thermal preservation is not required, if samples are minutes of sampling	e received w/i 15			41-60;	
13. If no v	risible ice, record the temperature. Actual sample	temperature: 4°C	2		E110059-COC pages 7	& 8 with samples
Sample C	•	<u></u>	_		61-75.	
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	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 no	on-VOC samples collected in the correct containers	?	Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab	<u>el</u>					
	field sample labels filled out with the minimum info	rmation:				
	ample ID?		Yes			
	ate/Time Collected? ollectors name?		Yes	_		
	reservation		Yes			
	the COC or field labels indicate the samples were pr	eserved?	No			
	mple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	netals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multiphate	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
Subcontr	act Laboratory					
	mples required to get sent to a subcontract laborator	rv?	No			
	subcontract laboratory specified by the client and if	•		ubcontract Lab	: NA	
	struction					
CHEILI	struction					
<u> </u>						
						0

Date

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

Report to:
Zach Comino



5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding 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

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**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

T 1 ' 1D

Technical Representative/Client Services

Office: 505-421-LABS(5227)

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ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Tom Brown

Technical Representative Cell: 832-444-7704

tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

GHD	Project Name:	Gumby Bag Federal #1	Donoutoda
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
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.

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 4:02:23PM

## TP13-S E110059-01

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	KS		Batch: 2143001
Benzene	ND	0.0250	1	1	10/17/21	10/17/21	
Ethylbenzene	ND	0.0250	1	1	10/17/21	10/17/21	
Toluene	ND	0.0250	1	1	10/17/21	10/17/21	
o-Xylene	ND	0.0250	1	1	10/17/21	10/17/21	
p,m-Xylene	ND	0.0500	1	1	10/17/21	10/17/21	
Total Xylenes	ND	0.0250	1	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	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: JI			Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	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: R	AS		Batch: 2143006
Chloride	202	20.0	1	1	10/18/21	10/18/21	

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 4:02:23PM

## TP13-1 E110059-02

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	A	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	A	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	A	Analyst: RAS		Batch: 2143006
Chloride	258	20.0	1	10/18/21	10/18/21	·

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 4:02:23PM

## TP13-2 E110059-03

		2110307 00				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: 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	Aı	nalyst: RAS		Batch: 2143006
Chloride	377	20.0	1	10/18/21	10/18/21	_

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 4:02:23PM

## TP13-3 E110059-04

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	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	Ī	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	



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 4:02:23PM

## TP13-4 E110059-05

	_	Reporting	_			
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	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	A	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	A	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	A	Analyst: RAS		Batch: 2143006
Chloride	131	20.0	1	10/18/21	10/18/21	

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 4:02:23PM

## TP14-S E110059-06

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	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	: Л		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	

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 4:02:23PM

## TP14-1 E110059-07

		2110007 07					
Analyte	Result	Reporting Limit		ution	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	

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 4:02:23PM

## TP14-2 E110059-08

		2110007 00					
Analyte	Result	Reporting Limit		ution	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	



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 4:02:23PM

## TP14-3 E110059-09

		Reporting					
Analyte	Result	Limit	Dil	ution	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 %			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:	: Л		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
· · · · · · · · · · · · · · · · · · ·	315	20.0		1	10/18/21	10/18/21	

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 4:02:23PM

## TP14-4 E110059-10

	_	Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	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	A	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	A	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	A	Analyst: RAS		Batch: 2143006
Chloride	495	20.0	1	10/18/21	10/18/21	

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 4:02:23PM

## TP15-S E110059-11

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	А	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	А	Analyst: RAS		Batch: 2143006
Chloride	113	20.0	1	10/18/21	10/18/21	

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 4:02:23PM

## TP15-1 E110059-12

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg mg/kg		Analyst:	: RKS		Batch: 2143001
Benzene	ND	0.0250	1	1	10/17/21	10/18/21	
Ethylbenzene	ND	0.0250	1	1	10/17/21	10/18/21	
Toluene	ND	0.0250	1	1	10/17/21	10/18/21	
o-Xylene	ND	0.0250	1	1	10/17/21	10/18/21	
p,m-Xylene	ND	0.0500	1	1	10/17/21	10/18/21	
Total Xylenes	ND	0.0250	1	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	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:	: Л		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	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
	219	20.0			10/18/21	10/18/21	

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 4:02:23PM

## TP15-2 E110059-13

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg mg/kg Analyst: RKS			Batch: 2143001		
Benzene	ND	0.0250	1	1	10/17/21	10/18/21	
Ethylbenzene	ND	0.0250	1	1	10/17/21	10/18/21	
Toluene	ND	0.0250	1	1	10/17/21	10/18/21	
o-Xylene	ND	0.0250	1	1	10/17/21	10/18/21	
p,m-Xylene	ND	0.0500	1	1	10/17/21	10/18/21	
Total Xylenes	ND	0.0250	1	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	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:	Л		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	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
· · · · · · · · · · · · · · · · · · ·	1140	20.0			10/18/21	10/18/21	

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 4:02:23PM

## TP15-3 E110059-14

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	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	į	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			10/18/21	10/18/21	



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 4:02:23PM

## TP15-4 E110059-15

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	RKS		Batch: 2143001
Benzene	ND	0.0250	1	l	10/17/21	10/18/21	
Ethylbenzene	ND	0.0250	1	1	10/17/21	10/18/21	
Toluene	ND	0.0250	1	l	10/17/21	10/18/21	
o-Xylene	ND	0.0250	1	1	10/17/21	10/18/21	
p,m-Xylene	ND	0.0500	1	1	10/17/21	10/18/21	
Total Xylenes	ND	0.0250	1	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: l	RKS		Batch: 2143001
Gasoline Range Organics (C6-C10)	ND	20.0	1	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: J	IL		Batch: 2143007
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/18/21	10/18/21	
Oil Range Organics (C28-C36)	ND	50.0	1	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: l	RAS		Batch: 2143006
Chloride	252	20.0	1	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

Albuquerque NM, 87110		Project Manage	r: Za	ch Comino				10/	19/2021 4:02:23PI
	Vo	olatile Organ	ic Compo		Analyst: RKS				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2143001-BLK1)							Prepared: 10	0/17/21 Ana	yzed: 10/17/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,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	0/17/21 Ana	yzed: 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			
o,m-Xylene	5.86	0.0500	5.00		117	70-130			
Total Xylenes	8.70	0.0250	7.50		116	70-130			
Gurrogate: 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	0/17/21 Ana	lyzed: 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	
Foluene	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	
o,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	
Gurrogate: Bromofluorobenzene	0.454		0.500		90.7	70-130			

0.500

0.526

70-130

105



Surrogate: Toluene-d8

## **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

Ana	lyst:	RKS
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Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2143001-BLK1)						Prepared: 10	)/17/21	Analyzed: 10/17/21
	ND	20.0				Trepared: Te	// 1 // 21	rmaryzed: 10/17/21
Gasoline Range Organics (C6-C10)		20.0	0.500	00.2	<b>50.120</b>			
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	0/17/21	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 6121 Indian School Rd. NE #200	Project Name: Project Number:	Gumby Bag Federal #1 19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	10/19/2021 4:02:23PM

Albuquerque NM, 87110		Project Manage	r: Za	ch Comino					10/19/2021 4:02:23PM	
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO		Analyst: JL		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPI Limi %		
Blank (2143007-BLK1)							Prepared: 1	0/18/21	Analyzed: 10/18/21	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	63.7		50.0		127	50-200				
LCS (2143007-BS1)							Prepared: 1	0/18/21	Analyzed: 10/18/21	
Diesel Range Organics (C10-C28)	518	25.0	500		104	38-132				
Surrogate: n-Nonane	54.2		50.0		108	50-200				
LCS Dup (2143007-BSD1)							Prepared: 1	0/18/21	Analyzed: 10/18/21	
Diesel Range Organics (C10-C28)	506	25.0	500		101	38-132	2.47	20		
Surrogate: n-Nonane	53.2		50.0		106	50-200				



Chloride

Chloride

LCS Dup (2143006-BSD1)

## **QC Summary Data**

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Gumb Project Number: 1903 <sup>4</sup> Project Manager: Zach			deral #1		<b>Reported:</b> 10/19/2021 4:02:23PM		
		Anions	by EPA	300.0/9056	4				Analyst: RAS
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2143006-BLK1)	mg/kg	mg/kg	mg/ Kg	mg/kg	70				nalyzed: 10/18/21
Chloride	ND	20.0							
LCS (2143006-BS1)						I	Prepared: 1	0/18/21 A	nalyzed: 10/18/21

250

250

90-110

90-110

0.135

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

98.0

98.1

245

245

20.0

20.0

#### 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.



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						ołni gnilila/zatoM	Custody	) ło nisdጋ		Sample(s) dropped off after hours to a secure drop off area.
							ked in ice at a	received pac	hey are sampled or	** samples requiring thermal preservation must be received on ice the day t
AOV - v , ss	ag - amber gla	plastic, a	/yloq	- d '	sselg -	Container Type: g		1		Sand Matrix: S - Joh, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
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Lab Number Correct Cont/Prsrv (s) Y/N		Chloride by 300.0	TPH by 418.1	BTEX by 8021	GRO/DRO by 8015 + MRO	Lab WO#  Job Number  Containers  Containers	1d Page		H Seck	Project: Sample ID Project Manager: Sample ID Sample ID Sample ID Sample ID
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Printed: 10/14/2021 10:47:40AM

## **Envirotech Analytical Laboratory**

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:		Due Date:	10/19/21	17:00 (4 day TAT)		
Chain of  1. Does th  2. Does th  3. Were sa  4. Was the  5. Were a  Sample T  6. Did the  Sample C  7. Was a s  8. If yes,  9. Was the  10. Were	Custody (COC)  ne sample ID match the COC? ne number of samples per sampling site location match amples dropped off by client or carrier? ne COC complete, i.e., signatures, dates/times, request ll samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion furn Around Time (TAT) ne COC indicate standard TAT, or Expedited TAT? Cooler sample cooler received? was cooler received in good condition? ne sample(s) received intact, i.e., not broken? custody/security seals present?	Due Date:  th the COC  ed analyses?  the field,	Yes Yes Yes Yes Yes Yes Yes Yes Your Yes Yes Yes Your Yes Your Yes	17:00 (4 day TAT)  Carrier: <u>F</u>	Project: Gumby Bag Fed broke up into 4 reports) E110054-COC pages 1 & 01-20; E110057-COC pages 3 &	leral #1 (8-COCs
11. If yes,	, were custody/security seals intact?		NA		21-40;	
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample t	received w/i 15	Yes		E110058-COC pages 5 & 41-60; E110059-COC pages 7 &	-
Sample C	Container				61-75.	
14. Are a	queous VOC samples present?		No			
15. Are V	OC 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 no	on-VOC samples collected in the correct containers?		Yes			
19. Is the a	appropriate volume/weight or number of sample contained	ers collected?	Yes			
Sa D C	field sample labels filled out with the minimum infor ample ID? ate/Time Collected? ollectors name?	mation:	Yes Yes Yes			
	<u>Preservation</u> the COC or field labels indicate the samples were pre	served?	No			
	ample(s) correctly preserved?	scrvcu	NA			
	filteration required and/or requested for dissolved me	etals?	No			
	1		110			
_	se Sample Matrix the sample have more than one phase, i.e., multiphase	a?	NT -			
			No			
Subcontr 28. Are sa	does the COC specify which phase(s) is to be analyzed that Laboratory amples required to get sent to a subcontract laboratory subcontract laboratory specified by the client and if	y?	NA No NA	Subcontract Lab	·NA	
		**		and the same of the	· <del>-</del>	
Client Ir	<u>nstruction</u>					

Date

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

Report to:
Zach Comino





5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding 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

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Cell: 505-320-4759

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West Texas Midland/Odessa Area Tom Brown

Technical Representative Cell: 832-444-7704

tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

Γ	GHD	Project Name:	Gumby Bag Federal #1	Donoutode
l	6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
l	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.



 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

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	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	1	10/15/21	10/15/21	
Surrogate: Bromofluorobenzene		91.5 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	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		91.5 %	70-130		10/15/21	10/15/21	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	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:	ЛL		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	
Surrogate: n-Nonane		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	



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

## TP16-1 E110053-02

	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2142039
ND	0.0250		1	10/15/21	10/15/21	
ND	0.0250		1	10/15/21	10/15/21	
ND	0.0250		1	10/15/21	10/15/21	
ND	0.0250		1	10/15/21	10/15/21	
ND	0.0500		1	10/15/21	10/15/21	
ND	0.0250		1	10/15/21	10/15/21	
	92.7 %	70-130		10/15/21	10/15/21	
	99.1 %	70-130		10/15/21	10/15/21	
	96.2 %	70-130		10/15/21	10/15/21	
mg/kg	mg/kg		Analyst:	IY		Batch: 2142039
ND	20.0		1	10/15/21	10/15/21	
	92.7 %	70-130		10/15/21	10/15/21	
	99.1 %	70-130		10/15/21	10/15/21	
	96.2 %	70-130		10/15/21	10/15/21	
mg/kg	mg/kg		Analyst:	JL		Batch: 2142036
ND	25.0		1	10/14/21	10/16/21	
ND	50.0		1	10/14/21	10/16/21	
	114 %	50-200		10/14/21	10/16/21	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2142032
6210	100	•	5	10/14/21	10/15/21	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           92.7 %         99.1 %           96.2 %         mg/kg           ND         20.0           92.7 %         99.1 %           96.2 %         mg/kg           Mg/kg         mg/kg           ND         25.0           ND         50.0           114 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           92.7 %         70-130           99.1 %         70-130           96.2 %         70-130           mg/kg         mg/kg           ND         20.0           92.7 %         70-130           99.1 %         70-130           96.2 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           114 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           92.7 %         70-130           99.1 %         70-130           96.2 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           99.1 %         70-130         96.2 %           70-130         96.2 %         70-130           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           114 %         50-200           mg/kg         Mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0500         1         10/15/21           ND         0.0250         1         10/15/21           92.7 %         70-130         10/15/21           99.1 %         70-130         10/15/21           96.2 %         70-130         10/15/21           92.7 %         70-130         10/15/21           99.1 %         70-130         10/15/21           99.1 %         70-130         10/15/21           96.2 %         70-130         10/15/21           96.2 %         70-130         10/15/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/14/21           ND         50.0         1         10/14/21           ND         50.0         1         10/14/21           mg/kg<	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         Imag/kg         Imag



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

## TP16-2 E110053-03

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg		- Di	Analyst:	•	7 Hary Zea	Batch: 2142039
Volatile Organic Compounds by EPA 8260B		mg/kg		Anaryst.	10/15/21	10/15/21	Batch: 2142039
Benzene	ND	0.0250		1			
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:	: Л		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	

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

## TP16-3 E110053-04

	_	Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	nalyst: 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	A	nalyst: 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	A	nalyst: RAS		Batch: 2142032
Chloride	1840	40.0	2	10/14/21	10/15/21	

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

## TP16-4 E110053-05

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	nalyst: 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	A	nalyst: 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	A	nalyst: RAS		Batch: 2142032
Chloride	741	20.0	1	10/14/21	10/15/21	

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

## TP17-S E110053-06

Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2142039
Benzene	ND	0.0250	1	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	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	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	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	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	2	10/14/21	10/15/21	

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

## TP17-1 E110053-07

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	ng/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	A	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	A	Analyst:	RAS		Batch: 2142032
Chloride	6820	200	10		10/14/21	10/15/21	<del></del>

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

## TP17-2 E110053-08

		2110000 00					
Analyte	Result	Reporting Limit		ıtion	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	g mg/kg		Analyst:	RAS		Batch: 2142032
Chloride	5820	100	:	5	10/14/21	10/15/21	

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

## TP17-3 E110053-09

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY			Batch: 2142039
Benzene	ND	0.0250	1	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	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	g/kg mg/kg		Analyst: IY			Batch: 2142039
Gasoline Range Organics (C6-C10)	ND	20.0	1	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	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	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	2	10/14/21	10/15/21	

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

## TP17-4 E110053-10

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY				Batch: 2142039
Benzene	ND	0.0250	1	1	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	1	10/15/21	10/15/21	
Toluene	ND	0.0250	1	1	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	1	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	1	10/15/21	10/15/21	
Total Xylenes	ND	0.0250	1	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	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	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	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	

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

### TP17-6 E110053-11

Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		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	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	

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

### TP17-8 E110053-12

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: 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	A	nalyst: 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	A	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	A	analyst: RAS		Batch: 2142032
Chloride	760	20.0	1	10/14/21	10/15/21	

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

### TP17-10 E110053-13

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			Di		•	Allalyzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			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:	: Љ		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	

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

### TP18-S E110053-14

	_	Reporting					
Analyte	Result	Limit	Dilı	ution	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:	ЛL		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	



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

### TP18-1 E110053-15

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2142039
Benzene	ND	0.0250	1	l	10/15/21	10/15/21	
Ethylbenzene	ND	0.0250	1	]	10/15/21	10/15/21	
Toluene	ND	0.0250	1	l	10/15/21	10/15/21	
o-Xylene	ND	0.0250	1	l	10/15/21	10/15/21	
p,m-Xylene	ND	0.0500	1	l	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	l	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	1	10/14/21	10/16/21	
Oil Range Organics (C28-C36)	ND	50.0	1	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	

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

### TP18-2 E110053-16

	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2142039
ND	0.0250		1	10/15/21	10/15/21	
ND	0.0250		1	10/15/21	10/15/21	
ND	0.0250		1	10/15/21	10/15/21	
ND	0.0250		1	10/15/21	10/15/21	
ND	0.0500		1	10/15/21	10/15/21	
ND	0.0250		1	10/15/21	10/15/21	
	93.5 %	70-130		10/15/21	10/15/21	
	96.5 %	70-130		10/15/21	10/15/21	
	98.8 %	70-130		10/15/21	10/15/21	
mg/kg	mg/kg		Analyst:	IY		Batch: 2142039
ND	20.0		1	10/15/21	10/15/21	
	93.5 %	70-130		10/15/21	10/15/21	
	96.5 %	70-130		10/15/21	10/15/21	
	98.8 %	70-130		10/15/21	10/15/21	
mg/kg	mg/kg		Analyst:	JL		Batch: 2142036
ND	25.0		1	10/14/21	10/16/21	
ND	50.0		1	10/14/21	10/16/21	
	117 %	50-200		10/14/21	10/16/21	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2142032
472	20.0		1	10/14/21	10/15/21	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           93.5 %         96.5 %           98.8 %         98.8 %           mg/kg         mg/kg           ND         20.0           93.5 %         96.5 %           98.8 %         98.8 %           mg/kg         mg/kg           ND         25.0           ND         50.0           117 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           PMD         0.0250           93.5 %         70-130           96.5 %         70-130           98.8 %         70-130           96.5 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.7 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130           98.8 %         70-130	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           93.5 %         70-130           98.8 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           93.5 %         70-130         98.8 %           ND         25.0         1           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           117 %         50-200           mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0500         1         10/15/21           ND         0.0250         1         10/15/21           ND         0.0250         1         10/15/21           93.5 %         70-130         10/15/21           98.8 %         70-130         10/15/21           98.8 %         70-130         10/15/21           93.5 %         70-130         10/15/21           98.8 %         70-130         10/15/21           98.8 %         70-130         10/15/21           98.8 %         70-130         10/15/21           98.8 %         70-130         10/15/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/14/21           ND         50.0         1         10/14/21           ND         50.0         1         10/14/21           mg/kg<	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         Imag/kg         Imag



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

### TP18-3 E110053-17

		Reporting					
Analyte	Result	Limit	Dilı	ution	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:	: Л		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	

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

### TP18-4 E110053-18

	_	Reporting	_				
Analyte	Result	Limit	Dilu	ıtion	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:	ЛL		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

Albuquerque NM, 87110		Project Manager:		ach Comino				1	0/19/2021 9:11:22A
	V	Volatile Organic	с Сотро	unds by EP	A 82601	3			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2142039-BLK1)							Prepared: 1	0/15/21 An	alyzed: 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: 1	0/15/21 An	alyzed: 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: 1	0/15/21 An	alyzed: 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			

0.500

0.497

70-130



Surrogate: Toluene-d8

### **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	v EPA	.8015D -	GRO

Analyst: IY

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

Blank (2142039-BLK1)						Prepared: 1	0/15/21	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: 1	0/15/21	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: 1	0/15/21	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

Albuquerque NM, 87110		Project Manage	r: Za	ch 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 %	RPE Limi %			
Blank (2142036-BLK1)							Prepared: 1	0/14/21	Analyzed: 10/16/21		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	60.5		50.0		121	50-200					
LCS (2142036-BS1)							Prepared: 1	0/14/21	Analyzed: 10/16/21		
Diesel Range Organics (C10-C28)	511	25.0	500		102	38-132					
Surrogate: n-Nonane	60.2		50.0		120	50-200					
LCS Dup (2142036-BSD1)							Prepared: 1	0/14/21	Analyzed: 10/16/21		
Diesel Range Organics (C10-C28)	502	25.0	500		100	38-132	1.66	20			
Surrogate: n-Nonane	59.1		50.0		118	50-200					



LCS (2142032-BS1)

LCS Dup (2142032-BSD1)

Chloride

Chloride

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

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

90-110

90-110

1.63

98.6

97.1

### **QC Summary Data**

GHD 6121 Indian School Rd. NE #200		Project Name: Gumby Bag Feder Project Number: 19034-0001			deral #1			Reported:		
Albuquerque NM, 87110		Project Manager	r: Z	Zach Comino				1	10/19/2021 9:11:22AM	
		Anions	by EPA	300.0/9056 <i>£</i>	A				Analyst: RAS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2142032-BLK1)						I	Prepared: 10	0/14/21 A	nalyzed: 10/15/21	
Chloride	ND	20.0								

250

250

247

243

20.0

20.0

#### 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.



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Corr				(Fig.)	TPHE	(B)	GRO/DRO	COntainers  QTY - Vol/TYPE/Preservative	xirtsM	Sample 9miT	Sample Date	Ol alqms2
Correct Cont/Prsrv (s) Y/N	Lab Number			thloride by 300.0	TPH by 418.1	BTEX by 8021	/DRO by 8015 + MRO	#OW deJ  Tob Number  Tob Number  Tob Number  Tob 15 7 10 5	Per Pi	COIN	H 1272[]	Project: Grinds: Sampler: Samp
-	O dal		Method	bns sisyl	snA	-	U	VlnO 92U deJ	RUSH?			CHD:

Page 196 of 438

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

### **Envirotech Analytical Laboratory**

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)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Fed	<u>ex</u>	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	Yes		<u>Comment</u>	ts/Resolution
	Furn Around Time (TAT)  e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (			103			
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
•	the sample(s) received intact, i.e., not broken?					
			Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
	ne sample received on ice? If yes, the recorded temp is 4°C.  Note: Thermal preservation is not required, if samples ar minutes of sampling  visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
	<u>Container</u>		_			
_	queous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	con-VOC samples collected in the correct containers	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La		ners conceted:	103			
	field sample labels filled out with the minimum info	armation:				
	sample ID?	offination.	Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
Sample l	Preservation					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha	se?	No			
	s, does the COC specify which phase(s) is to be analy		NA			
		,	- 112			
	ract Laboratory	9	Ma			
	amples required to get sent to a subcontract laborato a subcontract laboratory specified by the client and i	-	No NA	Cook a coden of Took N	т А	
29. Was a	a subcontract taboratory specified by the cheft and t	i so wilo:	INA	Subcontract Lab: N	NA	
Client I	<u>nstruction</u>					
						19-21

Date

Report to:

Zach Comino



5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding 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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ljarboe@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	Donoutoda
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
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.



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	10/22/2021 6:04:53PM

### TP19-S E110075-01

		E110075-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/21/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/21/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	10/21/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		120 %	50-200	10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143046
Chloride	2210	40.0	2	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

### TP19-1 E110075-02

		E110073-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	10/21/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/21/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	10/21/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		97.7 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2143046
Chloride	1960	40.0	2	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

#### TP19-2

#### E110075-03

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		98.3 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2143046
Chloride	1830	40.0	2	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

### TP19-3 E110075-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: 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	
Surrogate: n-Nonane		103 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: IY		Batch: 2143046
Chloride	1950	40.0	2	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

#### TP19-4

#### E110075-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		102 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2143046
Chloride	1370	40.0	2	10/21/21	10/21/21	·



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	10/22/2021 6:04:53PM

#### TP19-6

#### E110075-06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		102 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143046
Chloride	323	20.0	1	10/21/21	10/21/21	_



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	10/22/2021 6:04:53PM

### TP20-S E110075-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		97.0 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143046
Chloride	5050	100	5	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

### TP20-1 E110075-08

		E110075 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
o,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: 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	
Surrogate: n-Nonane		99.1 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2143046
Chloride	2360	40.0	2	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

### TP20-2 E110075-09

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		101 %	50-200	10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143046
	2720	40.0	2	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

### TP20-3 E110075-10

	2110070 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2143045
ND	0.0250	1	10/21/21	10/22/21	
ND	0.0250	1	10/21/21	10/22/21	
ND	0.0250	1	10/21/21	10/22/21	
ND	0.0250	1	10/21/21	10/22/21	
ND	0.0500	1	10/21/21	10/22/21	
ND	0.0250	1	10/21/21	10/22/21	
	97.5 %	70-130	10/21/21	10/22/21	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2143045
ND	20.0	1	10/21/21	10/22/21	
	93.7 %	70-130	10/21/21	10/22/21	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2143044
ND	25.0	1	10/21/21	10/22/21	
ND	50.0	1	10/21/21	10/22/21	
	104 %	50-200	10/21/21	10/22/21	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2143046
1560	20.0	·	10/21/21	10/21/21	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         25.0           mg/kg         mg/kg           ND         25.0           ND         50.0           104 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.5 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           93.7 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           104 %         50-200           mg/kg         Mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         10/21/21           ND         0.0250         1         10/21/21           ND         0.0250         1         10/21/21           ND         0.0500         1         10/21/21           ND         0.0250         1         10/21/21           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         10/21/21           mg/kg         mg/kg         Analyst: JL           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/21           ND         50.0         1         10/21/21           ND         50.0         1         10/21/21           Mg/kg         Mg/kg         Analyst: JL	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         10/21/21         10/22/21           ND         0.0250         1         10/21/21         10/22/21           ND         0.0250         1         10/21/21         10/22/21           ND         0.0500         1         10/21/21         10/22/21           ND         0.0250         1         10/21/21         10/22/21           ND         0.0250         1         10/21/21         10/22/21           mg/kg         mg/kg         Analyst: IY         ND         20.0         1         10/21/21         10/22/21           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         10/21/21         10/22/21           ND         25.0         1         10/21/21         10/22/21           ND         50.0         1         10/21/21         10/22/21           ND         50.0         1         10/21/21         10/22/21           ND         50.0         1         10/21/21         10/22/21



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	10/22/2021 6:04:53PM

#### **TP20-4**

#### E110075-11

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		102 %	50-200	10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2143046
Chloride	1130	20.0	1	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

### TP20-6 E110075-12

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



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	10/22/2021 6:04:53PM

### TP21-S E110075-13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		98.8 %	50-200	10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2143046
	1200	20.0	1	10/21/21	10/21/21	•



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	10/22/2021 6:04:53PM

### TP21-1 E110075-14

		Reporting				
Analyte	Result	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	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		98.6 %	50-200	10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143046
Chloride	661	20.0	1	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

### TP21-2 E110075-15

	E110075 15				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2143045
ND	0.0250	1	10/21/21	10/22/21	
ND	0.0250	1	10/21/21	10/22/21	
ND	0.0250	1	10/21/21	10/22/21	
ND	0.0250	1	10/21/21	10/22/21	
ND	0.0500	1	10/21/21	10/22/21	
ND	0.0250	1	10/21/21	10/22/21	
	97.4 %	70-130	10/21/21	10/22/21	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2143045
ND	20.0	1	10/21/21	10/22/21	
	91.8 %	70-130	10/21/21	10/22/21	
mg/kg	mg/kg	Anal	lyst: JL		Batch: 2143044
ND	25.0	1	10/21/21	10/22/21	
ND	50.0	1	10/21/21	10/22/21	
	100 %	50-200	10/21/21	10/22/21	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2143046
1180	40.0	2	10/21/21	10/21/21	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           97.4 %         mg/kg           MD         20.0           91.8 %         mg/kg           ND         25.0           ND         50.0           100 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.4 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           91.8 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           100 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         10/21/21           ND         0.0250         1         10/21/21           ND         0.0250         1         10/21/21           ND         0.0500         1         10/21/21           ND         0.0250         1         10/21/21           ND         0.0250         1         10/21/21           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         10/21/21           mg/kg         mg/kg         Analyst: JL           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         10/21/21           ND         50.0         1         10/21/21           ND         50.0         1         10/21/21           mg/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY           ND         0.0250         1         10/21/21         10/22/21           ND         0.0250         1         10/21/21         10/22/21           ND         0.0250         1         10/21/21         10/22/21           ND         0.0500         1         10/21/21         10/22/21           ND         0.0250         1         10/21/21         10/22/21           ND         0.0250         1         10/21/21         10/22/21           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         10/21/21         10/22/21           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         10/21/21         10/22/21           ND         25.0         1         10/21/21         10/22/21         10/22/21           ND         50.0         1         10/21/21         10/22/21           ND         50.0         1         10/21/21         10/22/21           ND         50.0         1         10/21/21         10/22/21



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	10/22/2021 6:04:53PM

#### TP21-3 E110075-16

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		104 %	50-200	10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2143046
Chloride	1130	20.0	1	10/21/21	10/21/21	·



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	10/22/2021 6:04:53PM

#### TP21-4 E110075-17

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.8 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		99.0 %	50-200	10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143046
Chloride	988	20.0	1	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

#### TP21-6 E110075-18

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		99.2 %	50-200	10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2143046
Chloride	586	20.0	1	10/21/21	10/21/21	



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	10/22/2021 6:04:53PM

#### TP21-8 E110075-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2143045
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		103 %	50-200	10/21/21	10/22/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2143046
Chloride	404	20.0	1	10/21/21	10/21/21	



Surrogate: 4-Bromochlorobenzene-PID

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

Albuquerque NM, 87110		Project Manager:	Za	ach Comino					10/22/2021 6:04:53PM	
Volatile Organics by EPA 8021B An										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2143045-BLK1)							Prepared: 1	0/21/21	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: 1	0/21/21	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: 1	0/21/21	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		



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

Albuquerque NM, 87110		Project Manager:		ch Comino					10/22/2021 6:04:53PM
	Non	halogenated O	rganics l	by EPA 801	5D - Gl	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2143045-BLK1)							Prepared: 10	0/21/21	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	0/21/21	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	0/21/21	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			

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

Albuquerque NM, 87110		Project Manage	r: Za	ch Comino					10/22/2021 6:04:53PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - 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 Limi %	
Blank (2143044-BLK1)							Prepared: 1	0/21/21	Analyzed: 10/21/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.5		50.0		103	50-200			
LCS (2143044-BS1)							Prepared: 1	0/21/21	Analyzed: 10/21/21
Diesel Range Organics (C10-C28)	548	25.0	500		110	38-132			
Surrogate: n-Nonane	49.3		50.0		98.7	50-200			
LCS Dup (2143044-BSD1)							Prepared: 1	0/21/21	Analyzed: 10/21/21
Diesel Range Organics (C10-C28)	544	25.0	500		109	38-132	0.688	20	
Surrogate: n-Nonane	49.9		50.0		99.9	50-200			

Chloride

Chloride

LCS Dup (2143046-BSD1)

#### **QC Summary Data**

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110		Project Name: Project Number Project Manager	: 1	Gumby Bag Fe 9034-0001 Zach Comino	deral #1				<b>Reported:</b> 10/22/2021 6:04:53PM
		Anions	by EPA	300.0/9056	4				Analyst: IY
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2143046-BLK1)					70				nalyzed: 10/21/21
Chloride	ND	20.0							
LCS (2143046-BS1)						]	Prepared: 1	0/21/21 A	nalyzed: 10/21/21

250

250

241

227

20.0

20.0

96.5

90.7

90-110

90-110

6.22

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

#### 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.



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

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								olni gnillia\estoN	Custody	) to nisdO		Sample(s) dropped off after hours to a secure drop off area.
							_		ked in ice at an	received pac	ey are sampled or	the day the second of the servestion of the received on ice the day the
	AOV.	- v ,essig	g - amper	plastic, a				Container Type: g	1	had		Matrix (5 Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
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nt/Prsr	Lab Number			chloride by 300.0	1	<sup>2</sup>	GRO/DRO by 8015 +	1000-HEOPI	Surp.	-8) 113522	H 12/2021	hone: (SOZ) - TFE (SOZ) : Mail(s): Z. L. C. C. L. C. L. C. L. C. L. L. C. L. L. C. L.
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envirotech Inc.

Printed: 10/16/2021 12:53:58PM

#### **Envirotech Analytical Laboratory**

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.

	•				<u> </u>		
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)			
	f Custody (COC)						
	the sample ID match the COC?	at the COC	Yes				
	the number of samples per sampling site location mat	ch the COC	Yes				
	samples dropped off by client or carrier?		Yes	Carrier: C	<u>ourier</u>		
	ne COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were	all samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		Yes	_		<u>Comment</u>	s/Resolution
Sample '	<u>Turn Around Time (TAT)</u>						
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If ye	s, were custody/security seals intact?		NA				
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>c</u>				
	Container  NOC complex present?		No				
	aqueous VOC samples present? VOC samples collected in VOA Vials?		No NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
			NA				
	a trip blank (TB) included for VOC analyses?	)					
	non-VOC samples collected in the correct containers' appropriate volume/weight or number of sample contain		Yes				
		iers conecteur	Yes				
Field La	nder refield sample labels filled out with the minimum info	ation					
	Sample ID?	ormation.	Yes				
	Date/Time Collected?		Yes	L			
	Collectors name?		No				
Sample	<b>Preservation</b>						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are s	sample(s) correctly preserved?		NA				
24. Is lab	o filteration required and/or requested for dissolved m	netals?	No				
Multiph	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
	s, does the COC specify which phase(s) is to be analy		NA				
Subsent	ract Laboratory						
	samples required to get sent to a subcontract laborator	my?	No				
	a subcontract laboratory specified by the client and if	~	NA	Subcontract Lab	. NI A		
		1 50 WHO:	11/2	Subcolliact Lab.	. NA		
Client I	<u>instruction</u>						

Date

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

Report to:
Zach Comino



5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding 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

ljarboe@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**

Γ	GHD	Project Name:	Gumby Bag Federal #1	Donautada
l	6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
l	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.

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

		L112010 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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		94.5 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2149038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: 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		102 %	50-200	12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2149042
Chloride	ND	20.0	1	12/03/21	12/03/21	

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

#### TP22-1 E112010-02

	1112010 02				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2149038
ND	0.0250	1	12/03/21	12/03/21	
ND	0.0250	1	12/03/21	12/03/21	
ND	0.0250	1	12/03/21	12/03/21	
ND	0.0250	1	12/03/21	12/03/21	
ND	0.0500	1	12/03/21	12/03/21	
ND	0.0250	1	12/03/21	12/03/21	
	94.7 %	70-130	12/03/21	12/03/21	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2149038
ND	20.0	1	12/03/21	12/03/21	
	97.1 %	70-130	12/03/21	12/03/21	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2149043
ND	25.0	1	12/03/21	12/03/21	
ND	50.0	1	12/03/21	12/03/21	
	98.7 %	50-200	12/03/21	12/03/21	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2149042
ND	20.0	1	12/03/21	12/03/21	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           94.7 %         mg/kg           MD         20.0           97.1 %         mg/kg           ND         25.0           ND         50.0           98.7 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           94.7 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           97.1 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           98.7 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/03/21           ND         0.0250         1         12/03/21           ND         0.0250         1         12/03/21           ND         0.0500         1         12/03/21           ND         0.0250         1         12/03/21           ND         0.0250         1         12/03/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/03/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         12/03/21           ND         25.0         1         12/03/21           ND         50.0         1         12/03/21           ND         50.0         1         12/03/21           mg/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/03/21         12/03/21           ND         0.0250         1         12/03/21         12/03/21           ND         0.0250         1         12/03/21         12/03/21           ND         0.0500         1         12/03/21         12/03/21           ND         0.0250         1         12/03/21         12/03/21           ND         0.0250         1         12/03/21         12/03/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/03/21         12/03/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/03/21         12/03/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         12/03/21         12/03/21           ND         50.0         1         12/03/21         12/03/21           ND         50.0         1         12/03/21         12/03/21           ND         50.0

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

#### TP22-2 E112010-03

		E112010-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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		98.1 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2149038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: 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		107 %	50-200	12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2149042
Chloride	ND	20.0	1	12/03/21	12/03/21	



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

#### TP22-3 E112010-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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		95.4 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2149038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: 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		104 %	50-200	12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2149042
Chloride	ND	20.0	1	12/03/21	12/03/21	



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

#### TP22-4 E112010-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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		95.2 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2149038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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		105 %	50-200	12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2149042
Chloride	ND	20.0	1	12/03/21	12/03/21	



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

#### TP23-S E112010-06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	Anal	yst: 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	Anal	yst: 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	Anal	yst: IY		Batch: 2149042
Chloride	ND	20.0	1	12/03/21	12/03/21	



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

#### TP23-1 E112010-07

	12112010-07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2149038
ND	0.0250	1	12/03/21	12/03/21	
ND	0.0250	1	12/03/21	12/03/21	
ND	0.0250	1	12/03/21	12/03/21	
ND	0.0250	1	12/03/21	12/03/21	
ND	0.0500	1	12/03/21	12/03/21	
ND	0.0250	1	12/03/21	12/03/21	
	98.4 %	70-130	12/03/21	12/03/21	
mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2149038
ND	20.0	1	12/03/21	12/03/21	
	95.1 %	70-130	12/03/21	12/03/21	
mg/kg	mg/kg	Ana	lyst: JL		Batch: 2149043
ND	25.0	1	12/03/21	12/03/21	
ND	50.0	1	12/03/21	12/03/21	
	105 %	50-200	12/03/21	12/03/21	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2149042
ND	20.0	1	12/03/21	12/03/21	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           98.4 %         mg/kg           MD         20.0           95.1 %         mg/kg           ND         25.0           ND         50.0           105 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           mg/kg         mg/kg         Anal           ND         20.0         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           105 %         50-200           mg/kg         mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/03/21           ND         0.0250         1         12/03/21           ND         0.0250         1         12/03/21           ND         0.0250         1         12/03/21           ND         0.0500         1         12/03/21           ND         0.0250         1         12/03/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/03/21           mg/kg         mg/kg         Analyst: JL           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         12/03/21           ND         50.0         1         12/03/21           ND         50.0         1         12/03/21           mg/kg         mg/kg         Analyst: JL	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/03/21         12/03/21           ND         0.0250         1         12/03/21         12/03/21           ND         0.0250         1         12/03/21         12/03/21           ND         0.0500         1         12/03/21         12/03/21           ND         0.0250         1         12/03/21         12/03/21           ND         0.0250         1         12/03/21         12/03/21           MD         0.0250         1         12/03/21         12/03/21           MD         0.0250         1         12/03/21         12/03/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/03/21         12/03/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         12/03/21         12/03/21           ND         50.0         1         12/03/21         12/03/21           ND         50.0         1         12/03/21



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

#### **TP23-2**

#### E112010-08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: 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		95.5 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RKS		Batch: 2149038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: 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		104 %	50-200	12/03/21	12/03/21	
Surrogute. n-1vonune						
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2149042



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

#### TP23-3 E112010-09

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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		94.8 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2149038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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		106 %	50-200	12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2149042
Chloride	ND	20.0	1	12/03/21	12/03/21	



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

#### TP23-4 E112010-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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		95.1 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2149038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/03/21	12/03/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	12/03/21	12/03/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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		104 %	50-200	12/03/21	12/03/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2149042



		QC 50	u 1111111 <i>c</i>	iry Dat	a				
GHD		Project Name:	G	umby Bag Fee	deral #1				Reported:
6121 Indian School Rd. NE #200		Project Number:	19	9034-0001					
Albuquerque NM, 87110		Project Manager:	Z	ach Comino					12/6/2021 2:52:51PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	
•	Result	Limit	Level	Result	Rec	Limits	RPD	Limi	t
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
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:	E112007-0	1	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:	E112007-0	1	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	



70-130

94.8

Surrogate: 4-Bromochlorobenzene-PID

7.58

GHD 6121 Indian School Rd. NE #200	Project Name: Project Number:	Gumby Bag Federal #1 19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/6/2021 2:52:51PM

Albuquerque NM, 87110		Project Manage	r: Za	ch 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 Limi	
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:	E112007-0	)1	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:	E112007-0	)1	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			

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

Albuquerque NM, 87110		Project Manage	r: Za	ch Comino					12/6/2021 2:52:51PM
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2149043-BLK1)							Prepared: 1	2/03/21	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: 1	2/03/21	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:	E112010-0	)6	Prepared: 1	2/03/21	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:	E112010-0	06	Prepared: 1	2/03/21	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			



Albuquerque NM, 87110	Project Manager:	Zach Comino EPA 300.0/9056A	12/6/2021 2:52:51PM Analyst: IY
GHD 6121 Indian School Rd. NE #200	Project Name: Project Number:	Gumby Bag Federal #1 19034-0001	Reported:

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2149042-BLK1)							Prepared: 1	2/03/21 A	Analyzed: 12/03/21
Chloride	ND	20.0							
LCS (2149042-BS1)							Prepared: 1	2/03/21 A	Analyzed: 12/03/21
Chloride	246	20.0	250		98.4	90-110			
LCS Dup (2149042-BSD1)							Prepared: 1	2/03/21 A	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**

ſ	GHD	Project Name:	Gumby Bag Federal #1	
l	6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
١	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.



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

(1)		7	some									
Client: GAD			RUSH? Lab Use Only				Analysis and Method					Only
Project: Guynhi BAG Redezal #1			<b>%</b> 1d		Lab WO#	1	1					Z
Sampler: Tack Company			3d	PEI	12000	- AND						) X/
Phone: (505) 377 - 4218					Job Number				6	1 1 1	Jer J	2
Email(s): Zach, Coinino @GHD, coin/Bech, Has	1.110000	- 6	20563		34-000	1   08	1/2	۱ <u>.</u> ا	00	1 + 1	l lin	/Prs
Project Manager: Motthew Loughin Q GHD CO	m /Bob-A			Eurces cof		) je	802	18.1	by 3	1 11	Lab Number	Cont
0	/	Sample	Matrix		ontainers		à	by 4	ige	1 1 1	19	ect (
Sample ID	Sample Date	Time	Matrix		/TYPE/Preservative	GRÓ/DRO by 8015	BTEX by 8021	TPH by 418.1	Chtoride by 300.0			Correct Cont/Prsrv (s) Y/N
TD22 S			1			1			4/			_
TP22-S	12/2/21	0800	5			X	8		$\otimes$		1	
TPZZ-1	1	60~					,				7	
	+	0805					+		+			
TP22-2		0810				- 11	$\mathbb{H}$				3	
		-				-	+		+			
TP22-3		0815									17	
TP22-4											6	
1122-1		0280										-
TP23-5		00-									6	
		0825				+	H		+	+++		
TP23-1		0850				- 11	П			111		
TP23-2									1			
1765-6		0835									8	
TP23-3											9	
1,233		0840				_			1			
TP23-4	V	0845	4			4	4		4		10	
Relinquished by: (Signature) Date Time	Received	by: (Signat	ure)	Date	Time				Lahili	se Only		1
Zay Com / 266 12/21 1830	X-	Mas	/	12.2.21	1415 *	*Recei	ved o	on Ice	N (A)			
Relinguished by (Signature) Date Time	Received	by: Signat	ure)	, Date	Time T		, , ,	7	<u>Г</u> 2		T3	
Jah 12-2-21 1650	Lilli	ak	$ \mathcal{K} $	12/3/21		VG Ter	np °(	: 4		-		-
Sample Matrix: S - Soir, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	_	7 -(-			Container Type:	g - glas	s, <b>p</b> -	poly/	plastic,	ag - amber (	glass, v - VOA	
**Samples requiring thermal preservation must be received on ice the day the	ney are sampled o					°C on sul	seque	nt days				
Sample(s) dropped off after hours to a secure drop off area.		Chain of	Custody	Notes/Billi	ng info:		** /	1				
Danviratach				120	ob Asher		2	X	2			
envirotech	THE RESIDENCE OF THE PARTY OF T	ghway 64, Farmin			Ph (505) 633	2-0615 Fx (	505) 632-	1865			envirotech-t	inc.com
Analytical Laboratory	Three Sprin	igs • 65 Mercado 5	treet, Suite 115, Du	stango, CO 81301	Ph (970) 259	-0615 Fr (8	100) 362-1	1879		19	horatury isosephen	ne com

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

Page 249 of 438

envirotech Inc.

Printed: 12/3/2021 10:33:14AM

#### **Envirotech Analytical Laboratory**

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)						
	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: Fo	<u>edex</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
<ol> <li>Were all samples received within holding time?         Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.     </li> </ol>		Yes	г		Comment	s/Resolution	
	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	ample cooler received?		Yes				
• 1	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples as minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample C		temperature. 1	<u>=</u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab		ners conceted.	103				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	L			
C	ollectors name?		Yes				
Sample P	<u>reservation</u>						
	the COC or field labels indicate the samples were p	reserved?	No				
	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
<u>Multipha</u>	se Sample Matrix						
26. Does t	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontr	act Laboratory						
	imples required to get sent to a subcontract laborate	orv?	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	: NA		
				Suotominut Luc			
Chent in	struction						

Date

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

Report to:
Zach Comino



5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding 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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**Alexa Michaels** 

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labadmin@envirotech-inc.com

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T 1 ' 1D

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West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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### Sample Summary

GHD	Project Name:	Gumby Bag Federal #1	Donoutoda
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
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.



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

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: RKS		Batch: 2150008
ND	0.0250	1	12/06/21	12/07/21	
ND	0.0250	1	12/06/21	12/07/21	
ND	0.0250	1	12/06/21	12/07/21	
ND	0.0250	1	12/06/21	12/07/21	
ND	0.0500	1	12/06/21	12/07/21	
ND	0.0250	1	12/06/21	12/07/21	
	99.1 %	70-130	12/06/21	12/07/21	
mg/kg	mg/kg	Analy	st: RKS		Batch: 2150008
ND	20.0	1	12/06/21	12/07/21	
	96.0 %	70-130	12/06/21	12/07/21	
mg/kg	mg/kg	Analy	vst: JL		Batch: 2150012
287	25.0	1	12/06/21	12/07/21	
606	50.0	1	12/06/21	12/07/21	
	106 %	50-200	12/06/21	12/07/21	
mg/kg	mg/kg	Analy	st: IY		Batch: 2150006
ND	20.0	1	12/06/21	12/06/21	
	mg/kg ND ND ND ND ND ND ND Mg/kg ND mg/kg 287 606	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0250           MB/kg         mg/kg           MB/kg         mg/kg           MB/kg         mg/kg           MB/kg         50.0           106 %         106 %           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           99.1 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           96.0 %         70-130         1           mg/kg         mg/kg         Analy           287         25.0         1           606         50.0         1           106 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/06/21           ND         0.0250         1         12/06/21           ND         0.0250         1         12/06/21           ND         0.0500         1         12/06/21           ND         0.0250         1         12/06/21           ND         0.0250         1         12/06/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/06/21           mg/kg         mg/kg         Analyst: JL           mg/kg         mg/kg         Analyst: JL           287         25.0         1         12/06/21           mg/kg         50-200         12/06/21           mg/kg         mg/kg         Analyst: JL	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/06/21         12/07/21           ND         0.0250         1         12/06/21         12/07/21           ND         0.0250         1         12/06/21         12/07/21           ND         0.0500         1         12/06/21         12/07/21           ND         0.0250         1         12/06/21         12/07/21           MD         0.0250         1         12/06/21         12/07/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/06/21         12/07/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/06/21         12/07/21           mg/kg         mg/kg         Analyst: JL           287         25.0         1         12/06/21         12/07/21           606         50.0         1         12/06/21         12/07/21           mg/kg         mg/kg         Analyst: IY



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

### TP24-1 E112017-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	12/06/21	12/07/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/07/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	12/06/21	12/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		120 %	50-200	12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2150006
11110110 0 0 1 1111 0 0 0 0 0 1 1						



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

### TP24-2 E112017-03

		E112017 05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		99.1 %	70-130	12/06/21	12/07/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/07/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	12/06/21	12/07/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		112 %	50-200	12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2150006
Chloride	ND	20.0	1	12/06/21	12/07/21	



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

### TP24-3 E112017-04

	E112017 04				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2150008
ND	0.0250	1	12/06/21	12/08/21	
ND	0.0250	1	12/06/21	12/08/21	
ND	0.0250	1	12/06/21	12/08/21	
ND	0.0250	1	12/06/21	12/08/21	
ND	0.0500	1	12/06/21	12/08/21	
ND	0.0250	1	12/06/21	12/08/21	
	96.4 %	70-130	12/06/21	12/08/21	
mg/kg	mg/kg	Anal	yst: RKS		Batch: 2150008
ND	20.0	1	12/06/21	12/08/21	
	95.3 %	70-130	12/06/21	12/08/21	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2150012
ND	25.0	1	12/06/21	12/07/21	
ND	50.0	1	12/06/21	12/07/21	
	109 %	50-200	12/06/21	12/07/21	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2150006
ND	20.0	1	12/06/21	12/07/21	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         0.0250           MD         25.0           MB/kg         mg/kg           ND         25.0           ND         50.0           109 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           96.4 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           95.3 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           109 %         50-200           mg/kg         Mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/06/21           ND         0.0250         1         12/06/21           ND         0.0250         1         12/06/21           ND         0.0500         1         12/06/21           ND         0.0250         1         12/06/21           ND         0.0250         1         12/06/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/06/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         12/06/21           ND         50.0         1         12/06/21           ND         50.0         1         12/06/21           ND         50.0         1         12/06/21           mg/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/06/21         12/08/21           ND         0.0250         1         12/06/21         12/08/21           ND         0.0250         1         12/06/21         12/08/21           ND         0.0500         1         12/06/21         12/08/21           ND         0.0250         1         12/06/21         12/08/21           ND         0.0250         1         12/06/21         12/08/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/06/21         12/08/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/06/21         12/08/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         12/06/21         12/07/21           ND         50.0         1         12/06/21         12/07/21           ND         50.0         1         12/06/21         12/07/21           ND         50.0



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

### TP24-4 E112017-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		113 %	50-200	12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2150006
Chloride	20.8	20.0	1	12/06/21	12/07/21	·



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

### TP25-S

		E112017-06				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		113 %	50-200	12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2150006
Chloride	2840	40.0	2	12/06/21	12/07/21	



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

### TP25-1 E112017-07

		2112017 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
o,m-Xylene	ND	0.0500	1	12/06/21	12/08/21	
Total Xylenes	ND	0.0250	1	12/06/21	12/08/21	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		114 %	50-200	12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2150006
Chloride	1530	20.0	1	12/06/21	12/07/21	



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

### 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

#### TP25-2 E112017-08

#### Reporting Analyte Limit Dilution Analyzed Notes Result Prepared Analyst: RKS Batch: 2150008 mg/kg mg/kg Volatile Organics by EPA 8021B 12/06/21 12/08/21 ND 0.0250 Benzene 1 12/06/21 12/08/21 Ethylbenzene ND 0.0250ND 0.025012/06/21 12/08/21 Toluene 1 12/06/21 12/08/21 o-Xylene ND 0.02501 12/06/21 12/08/21 ND 0.0500 p,m-Xylene 12/08/21 12/06/21 1 Total Xylenes ND 0.025012/06/21 12/08/21 97.2 % 70-130 Surrogate: 4-Bromochlorobenzene-PID Analyst: RKS mg/kg Batch: 2150008 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 12/08/21 ND 20.0 1 12/06/21 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 96.4 % 12/06/21 12/08/21 70-130 mg/kg mg/kg Analyst: JL Batch: 2150012 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 12/06/21 12/07/21 Diesel Range Organics (C10-C28) ND 12/06/21 12/07/21 Oil Range Organics (C28-C36) 50.0 1

114%

mg/kg

40.0

mg/kg

1830

50-200

12/06/21

12/06/21

Analyst: IY

2

12/07/21

12/07/21

Batch: 2150006

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

### TP25-3 E112017-09

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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	
Surrogate: n-Nonane		113 %	50-200	12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2150006
Chloride	1370	20.0	1	12/06/21	12/07/21	



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

### **TP25-4**

E112017-10						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		114 %	50-200	12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2150006
Chloride	1740	20.0	1	12/06/21	12/07/21	



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

### TP25-5 E112017-11

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	yst: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	yst: 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	
Surrogate: n-Nonane		114 %	50-200	12/06/21	12/07/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	yst: IY		Batch: 2150006
Chloride	563	20.0	1	12/06/21	12/07/21	



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

### TP26-S E112017-12

		2112017 12				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		115 %	50-200	12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2150006
Chloride	353	20.0	1	12/06/21	12/07/21	



GHD	Project Name:	Gumby Bag Federal #1	
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### TP26-1 E112017-13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: 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	
Surrogate: n-Nonane		118 %	50-200	12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2150006
Allions by ETA 500:0/7050A						



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### TP26-2 E112017-14

		E112017-14				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		116 %	50-200	12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2150006
Chloride	760	20.0	1	12/06/21	12/07/21	



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### TP26-3 E112017-15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		120 %	50-200	12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2150006
Chloride	461	20.0	1	12/06/21	12/07/21	



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### **TP26-4**

		E112017-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Surrogate: n-Nonane		115 %	50-200	12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2150006
Chloride	517	20.0	1	12/06/21	12/07/21	



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### TP27-S

		E112017-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		113 %	50-200	12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2150006
Chloride	318	20.0	1	12/06/21	12/07/21	



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### TP27-1 E112017-18

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	Analyst: RKS		Batch: 2150008
ND	0.0250	1	12/06/21	12/08/21	
ND	0.0250	1	12/06/21	12/08/21	
ND	0.0250	1	12/06/21	12/08/21	
ND	0.0250	1	12/06/21	12/08/21	
ND	0.0500	1	12/06/21	12/08/21	
ND	0.0250	1	12/06/21	12/08/21	
	96.2 %	70-130	12/06/21	12/08/21	
mg/kg	mg/kg	Analy	yst: RKS		Batch: 2150008
ND	20.0	1	12/06/21	12/08/21	
	95.7 %	70-130	12/06/21	12/08/21	
mg/kg	mg/kg	Analy	yst: JL		Batch: 2150012
ND	25.0	1	12/06/21	12/08/21	
ND	50.0	1	12/06/21	12/08/21	
	116 %	50-200	12/06/21	12/08/21	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2150006
369	20.0	1	12/06/21	12/07/21	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MD         20.0           95.7 %         mg/kg           MD         25.0           ND         50.0           II6 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           96.2 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           95.7 %         70-130         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           116 %         50-200           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/06/21           ND         0.0250         1         12/06/21           ND         0.0250         1         12/06/21           ND         0.0500         1         12/06/21           ND         0.0250         1         12/06/21           ND         0.0250         1         12/06/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/06/21           mg/kg         mg/kg         Analyst: JL           ND         25.0         1         12/06/21           ND         25.0         1         12/06/21           ND         50.0         1         12/06/21           ND         50.0         1         12/06/21           mg/kg         mg/kg         Analyst: JL	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         12/06/21         12/08/21           ND         0.0250         1         12/06/21         12/08/21           ND         0.0250         1         12/06/21         12/08/21           ND         0.0500         1         12/06/21         12/08/21           ND         0.0250         1         12/06/21         12/08/21           ND         0.0250         1         12/06/21         12/08/21           mg/kg         70-130         12/06/21         12/08/21           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         12/06/21         12/08/21           mg/kg         mg/kg         Analyst: JL         ND         25.0         1         12/06/21         12/08/21           ND         25.0         1         12/06/21         12/08/21         12/08/21           ND         50.0         1         12/06/21         12/08/21           ND         50.0         1         12/06/21         12/08/21           Mg/kg<



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### **TP27-2**

		E112017-19				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2150008
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/08/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.9 %	70-130	12/06/21	12/08/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		115 %	50-200	12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2150006
Chloride	418	20.0	1	12/06/21	12/07/21	



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### **TP27-3**

		E112017-20						
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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			
Surrogate: 4-Bromochlorobenzene-PID		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			
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	12/06/21	12/08/21			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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			
Surrogate: n-Nonane		113 %	50-200	12/06/21	12/08/21			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2150006		
Chloride	378	20.0	1	12/06/21	12/07/21			



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### TP27-4 E112017-21

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	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	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150009
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		111 %	50-200	12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2149052
Chloride	459	20.0	1	12/06/21	12/06/21	·



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Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

#### TP16-5

		E112017-22					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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		
p-Xylene	ND	0.0250	1	12/06/21	12/06/21		
o,m-Xylene	ND	0.0500	1	12/06/21	12/06/21		
Total Xylenes	ND	0.0250	1	12/06/21	12/06/21		
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	12/06/21	12/06/21		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2150009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/06/21		
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %	70-130	12/06/21	12/06/21		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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		
Surrogate: n-Nonane		110 %	50-200	12/06/21	12/08/21		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2149052	
Chloride	765	20.0	1	12/06/21	12/06/21		



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Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

### TP16-7 E112017-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	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	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2150009
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Surrogate: n-Nonane		113 %	50-200	12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2149052
Chloride	645	20.0	1	12/06/21	12/06/21	



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

#### **TP16-8**

#### E112017-24

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	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	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2150009
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/21	12/06/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	12/06/21	12/06/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		110 %	50-200	12/06/21	12/08/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2149052
· · · · · · · · · · · · · · · · · · ·	669	20.0	-	12/06/21	12/06/21	



				ar y Duc					
GHD		Project Name:	G	umby Bag Fe	deral #1				Reported:
6121 Indian School Rd. NE #200		Project Number:	19	9034-0001					
Albuquerque NM, 87110		Project Manager:	Z	ach Comino					12/9/2021 3:47:27PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: RKS
Analyte		Reporting	Spike	Source		Rec		RPD	)
	Result	Limit	Level	Result	Rec	Limits	RPD	Limi	it
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
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			
-Xylene	4.86	0.0250	5.00		97.3	70-130			
o,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:	E112017-0	)1	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			
o,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:	E112017-0	)1	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	
o,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	



70-130

Surrogate: 4-Bromochlorobenzene-PID

8.22

		QC SI	umm	ary Data	1					
GHD		Project Name:		Gumby Bag Fed	leral #1				Reported:	
6121 Indian School Rd. NE #200		Project Number:	1	9034-0001						
Albuquerque NM, 87110		Project Manager:	Z	Zach Comino					12/9/2021 3:47:27PM	
		Volatile O	rganics	by EPA 802	1B			Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2150009-BLK1)							Prepared: 1	2/06/21 A	Analyzed: 12/06/21	
Benzene	ND	0.0250					1			
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: 1	2/06/21 A	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: 1	E112017-2	21	Prepared: 1	2/06/21 A	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: 1	E112017-2	21	Prepared: 1	2/06/21 A	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		
o-Xylene p,m-Xylene Total Xylenes			5.00 10.0 15.0	ND ND ND	97.3 100 99.1	63-131 63-131	2.68 2.74 2.72	20 20 20		



70-130

Surrogate: 4-Bromochlorobenzene-PID

7.77

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

Albuquerque NM, 87110		Project Manage	r: Za	ch Comino					12/9/2021 3:47:27PM	
	Non	halogenated	Organics l	oy EPA 80	15D - GI	RO		Analyst: RKS		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit		
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:	E112017-0	)1	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:	E112017-0	)1	Prepared: 1	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				

GHD 6121 Indian School Rd. NE #200	Project Name: Project Number:	Gumby Bag Federal #1 19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Albuquerque NM, 87110		Project Manage	r: Za	ch Comino					12/9/2021 3:47:27PM	
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO		Analyst: RKS		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limi %		
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:	E112017-2	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:	E112017-2	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				

GHD 6121 Indian School Rd. NE #200	Project Name: Project Number:	Gumby Bag Federal #1 19034-0001	Reported:
Albuquerque NM, 87110	Project Number: Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Albuquerque NM, 87110		Project Manage	r: Za	ch Comino					12/9/2021 3:47:27PM		
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: JL			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2150011-BLK1)							Prepared: 12	2/06/21	Analyzed: 12/07/21		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
urrogate: n-Nonane	55.6		50.0		111	50-200					
LCS (2150011-BS1)							Prepared: 12	2/06/21	Analyzed: 12/07/21		
Diesel Range Organics (C10-C28)	547	25.0	500		109	38-132					
urrogate: n-Nonane	56.3		50.0		113	50-200					
Matrix Spike (2150011-MS1)				Source:	E112017-2	24	Prepared: 12	2/06/21	Analyzed: 12/08/21		
Diesel Range Organics (C10-C28)	569	25.0	500	ND	114	38-132					
urrogate: n-Nonane	48.6		50.0		97.2	50-200					
Matrix Spike Dup (2150011-MSD1)				Source:	E112017-2	24	Prepared: 12	2/06/21	Analyzed: 12/08/21		
Diesel Range Organics (C10-C28)	569	25.0	500	ND	114	38-132	0.00494	20			
urrogate: n-Nonane	51.0		50.0		102	50-200					



GHD 6121 Indian School Rd. NE #200	Project Name: Project Number:	Gumby Bag Federal #1 19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Albuquerque NM, 87110		Project Manage	r: Za	ch Comino					12/9/2021 3:47:27PN		
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: JL			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2150012-BLK1)							Prepared:	12/06/21	Analyzed: 12/07/21		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-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: n-Nonane	52.6		50.0		105	50-200					
Matrix Spike (2150012-MS1)				Source:	E112017-0	)4	Prepared:	12/06/21	Analyzed: 12/07/21		
Diesel Range Organics (C10-C28)	558	25.0	500	ND	112	38-132					
Surrogate: n-Nonane	57.5		50.0		115	50-200					
Matrix Spike Dup (2150012-MSD1)				Source:	E112017-(	)4	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: n-Nonane	55.7		50.0		111	50-200					



GHD 6121 Indian School Rd. NE #200	Project Name: Project Number:	Gumby Bag Federal #1 19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Zach Comino	12/9/2021 3:47:27PM

Albuquerque Nivi, 8/110		Project Manage	r. Za	ich Comino					12/9/2021 3.4/.2/FWI	
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	
Blank (2149052-BLK1)							Prepared: 1	2/06/21 A	nalyzed: 12/06/21	
Chloride	ND	20.0								
LCS (2149052-BS1)							Prepared: 12/06/21 Analyzed: 12/06/2			
Chloride	246	20.0	250		98.4	90-110				
Matrix Spike (2149052-MS1)				Source:	E112013-	01	Prepared: 1	2/06/21 A	nalyzed: 12/06/21	
Chloride	453	20.0	250	127	131	80-120			M1	
Matrix Spike Dup (2149052-MSD1)				Source:	E112013-	01	Prepared: 1	2/06/21 A	nalyzed: 12/06/21	
Chloride	424	20.0	250	127	119	80-120	6.79	20		

GHD 6121 Indian School Rd. NE #200		Project Name: Project Number:		umby Bag Fee 9034-0001	deral #1				Re	eported:
Albuquerque NM, 87110		Project Manager:	Z	ach Comino					12/9/202	1 3:47:27PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Anal	yst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
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:	E112017-0	)1	Prepared:	12/06/21	Analyzed:	12/06/21
Chloride	257	20.0	250	ND	103	80-120				
Matrix Spike Dup (2150006-MSD1)				Source:	E112017-0	)1	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.



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

4110		St	andard	5-5	Lay							
Client: GHD	HE		RUSH?		ab Use Only			An	alysis and	Method	lab	Only
Project: Guylos BAG Rederal #1			1d		Lab WO#	16	7				T	-
Sampler: Lack Comino			3d	PEI	12017	- MAN					100	s) Y/
Phone: (505) 377 - 4218					ob Number				161		per	srv (
Email(s): Zach Coisting @GHD cois /Roch H.	skell DGHD	2	ESSES		34-0001	y 80	IA	1	300.		L L	t/Pr
Project Manager: Motthers Loyalin @ (HD)	om /Boh A	Shew @	ecc. Page	week of	a lof3	10 p	802	418.	<u>\$</u>		Lab Number	Con
Sample ID	Sample Date	Sample Time	Matrix	Co	ontainers TYPE/Preservative	GRO/DRO by 8015	BTEX by	TPH by 418.1	Chloride by 300.0			Correct Cont/Prsrv (s) Y/N
TP24-8	12/2/21	000	5			X			D		1	
TP24-1		0905	l-i-l				1		1		2	
TP24.2		ono									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	
Relinquished by: (Signatu/e)/ Date Time	b	0950	4			4	+		4		10	
Relinguished by: (Signature)   12/2/21   1330   Time   12-2-21   16-50	Y	by: (Signat	rure)	Date	Time T1_	Receiv G Ten		on Ico	Lab Us Ŷ/ N T2	e Only	Т3	_ \
Sample Matrix/S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	• h • · · · · · · · · · · · · · · · ·				Container Type: g	- glas	s, p -	poly	/plastic, a	g - amber gla	iss, v - VOA	
**Samples requiring thermal preservation must be received on ice the day sample(s) dropped off after hours to a secure drop off area.	they are sampled o	r received pa Chain of	Custody	Notes/Billin		on sub	seque	nt day	'S.			
envirotech				Bo	S Asher	``{	-00	5				
Analytical Laboratory	Annual Control of the Park Control of the	ighway 64, Farmin ngs • 65 Mercado S	gton, NM 87401 treet, Suite 115, Dur	anga (0.81301	Ph (505) 632-06			4.5.			enviroteci) -ii	ic com

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

		Stan	Dava	5-la							
Client: GHD	÷	0.	RUSH?	Lab Use Or	nlv			nalusis	and Method	lak	o Only
Project: Gumbi BAG Federal #1		_	1d	Lab WO#		100		Malysis	and Method	lab	
Sampler: Lack Coming			3d	PE11201	ב	H					) X/I
Phone: (505) 377 - 4218		_		Job Numbe	or .	2		A		le.	2
Email(s): Zach Comino @GHD, com/ Bech, Has	110000	_ 2	0568	R 19034-00	10	087	411-			Number	t/Prs
Project Manager: Mothers Loyllin @ GAD. CO.	18 A		Pag.		013	GRO/DRO by 8015 FAIR	BTEX <del>by 8024</del>	Chloride by 3		ab N	Correct Cont/Prsrv (s) Y/N
Sample ID	Sample Date	Sample	0	Containers	or	NOB		oride			rect
sample is	Sample Date	Time	Matrix	QTY - Vol/TYPE/Preser	vative	A		Chloride by 300.0			S
TP25-5	12/1		5					V		11	
1153.2	12/2/21	1000	3			10	X	مر	-	- 1,	
TP26-8	,	1005								12	,
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12-2-21 1650	LULL	MM		Q13/21/12:3	AVG	Tem	p °C_	+ _			
Sample Matrix: S - soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		<u> </u>	47.64	Container	Type: g -	glass,	<b>p</b> - po	ly/plast	ic, <b>ag</b> - amber (	glass, v - VOA	4
**Samples requiring thermal preservation must be received on ice the day the Sample(s) dropped off after hours to a secure drop off area.		chain of		t an avg temp above 0 but less Notes/Billing info:	than 6 °C o	n subse	equent o	lays.			
		Chair Of	custouy	RI 11.	1	6	Y."				
envirotech	PARTE	- Lung # 1 *	and the second	1005 013	ver .	ヒし	0				Marin Admin
Analytical Laboratory	The Control of the Control of	ghway 64, Farmin gs + 65 Mercado S		and the later of t	(505) 632-0615 (970) 259-0615		-			envirotech	Inc tom

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

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

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

	_	Starra	95	- day						
Client: GHD		1 Caras	RUSH?	a i	Lab Use Only			Anal	ysis and Method	lab Only
Project: Gumby BAG Federal #1			1d		Lab WO#	K	d	T	yais and meenod	
Sampler: Jack Coming			3d	PE	112017	R				/\ (s
Phone: (505) 577 - 4218				11 1 14	Job Number	15			6)	ber srv (
Email(s): Zach Coining @GHD, coin/ Bech, Hes	hell QGHD.	2	EUZ	190	34-000	1 80	A	П	98	Lab Number: Cont/Prsrv
Project Manager: Mothers Loublin @ (HD). con	y /Bob-A		eca Pag	Eurces of	<u> </u>	30 p	100	418.	yd e by	ab l
Sample ID	Sample Date	Sample	Matrix	1	Containers	2/0	BTEX-by 8021	TPH by 418.1	Chloride by 300.6	Lab Number Correct Cont/Prsrv (s) Y/N
		Time		QTY - Vol,	/TYPE/Preservative	₩	1	4	<b>E</b> /	Š
TP27-4	12/2/21	1050	S			2	0			$ \lambda $
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Relinquished by: (Signature) Date Time	Received	by: (Signat	ure)	Date	Time				Lab Use Only	
Relinguished by (Signature) Date Time	Received	W: (Signat	ure)	12-2-21 Date	Time	*Recei	ved o	n Ice(	YYN	- 1 5 - 1
Jan 12.2.21 1650	19000		X	12/3/21	1000	1 VG Ter	nn °C	U	2	T3
Sample Matrix: S - Spij Sd - Solid, Sg - Sludge, A - Aqueous, O - Other_	-uny	when the		101	Container Type:	a alac	- n -	oly/n	lastic ag - ambo	r alass v - VOA
**Samples requiring thermal preservation must be received on ice the day the	ney are sampled or	received pa	cked in ice a	t an avg temp ab	ove 0 but less than 6	°C on sub	sequen	t days.	astic) ag aimsc	glass, v VOA
Sample(s) dropped off after hours to a secure drop off area.		Chain of	Custody	Notes/Billin		~//	5/1			
Conviratach				1506	Aster	EC	6			
envirotech Analytical Laboratory		hway 64, Farming			Ph (505) 632	-0615 Fx (5	05) 632-18	65		envirotech-jac com
Analytical Educatory	Three Spring	js • 65 Mercado Si	reet, Sulte 115, D	urango, CO 81301	Ph (970) 259	-0615 Fr (8	00) 362-18	79		laboratory, envirotech-inc com-

Printed: 12/3/2021 12:47:51PM

#### **Envirotech Analytical Laboratory**

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:		17:00 (5 day TAT)		86	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location man	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>F</u>	edex		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
	Il samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.			,		Comment	s/Resolution
Sample T	Turn Around Time (TAT)						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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 th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
	•	temperature. 4 c	<u></u>				
_	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		No NA				
	head space less than 6-8 mm (pea sized or less)?		NA NA				
	• • • • • • • • • • • • • • • • • • • •						
	trip blank (TB) included for VOC analyses?	0	NA				
	on-VOC samples collected in the correct containers'		Yes				
	appropriate volume/weight or number of sample contain	iers conected?	Yes				
Field Lab	<del></del>						
	field sample labels filled out with the minimum info ample ID?	ormanon:	Yes				
	pate/Time Collected?		Yes	l			
	ollectors name?		No				
Sample P	Preservation						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved n	netals?	No				
Multipha	ase Sample Matrix						
	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
		, 200.	1424				
	act Laboratory		3.7				
	amples required to get sent to a subcontract laborato	-	No				
29. Was a	subcontract laboratory specified by the client and it	t so who?	NA	Subcontract Lab	o: NA		
Client Ir	<u>nstruction</u>						
							1

Date

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



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,

Andy Freeman

Laboratory Manager

andy

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	:: ЈМТ
Chloride	560	60	mg/Kg	20	3/30/2022 5:05:31 PM	66498
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 1 of 5

#### 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: Ics 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.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix 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

Page 2 of 5

#### 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

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte Result LowLimit Diesel Range Organics (DRO) 10 0 43 50.00 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
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 3 of 5

#### 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: Ics-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 27 72.3 Gasoline Range Organics (GRO) 5.0 25.00 0 108 137 Surr: BFB 2200 1000 224 37.7 212 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

Page 4 of 5

#### 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

1 1ep Date. 3/24/2022	Allalysis	Jaic. 3/	23/2022	•	begivo. 3	003913	Office. Hig/F	.g		
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
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 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

Page 5 of 5



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 Nur	mber: <b>2203</b> 0	285		RcptNo: 1	
Received By:	Cheyenne Cason	3/24/2022 7:30:00	) AM	Che	ul		
Completed By:	Desiree Dominguez	3/24/2022 9:28:49	AM	1	2		
Reviewed By:	Chi	3/24/2		1-	3		
Chain of Cus	stody						
1. Is Chain of C	ustody complete?		Yes	<b>v</b>	No 🗌	Not Present	
2. How was the	sample delivered?		Courie	<u>er</u>			
Log In							
	npt made to cool the sample	s?	Yes	<b>V</b>	10 🗆	NA 🗆	
4. Were all samp	ples received at a temperatu	re of >0° C to 6.0°C	Yes	<u> </u>	lo 🗌	NA 🗆	
5. Sample(s) in	proper container(s)?		Yes	<b>Z</b> N	lo 🗌		
6. Sufficient sam	ple volume for indicated tes	t(s)?	Yes I	N	o 🗆		
7. Are samples (	except VOA and ONG) prop	erly preserved?	Yes	N	o 🗆		
8. Was preserva	tive added to bottles?		Yes [	N	o <b>v</b>	NA 🗌	
9. Received at le	east 1 vial with headspace <	1/4" for AQ VOA?	Yes [	] N	0 🗆	NA 🗹	
10, Were any san	mple containers received bro	ken?	Yes	_ N	lo 🗸	# of accessed	
	ork match bottle labels? ancies on chain of custody)		Yes S	N	o 🗆	# of preserved bottles checked for pH:	
	correctly identified on Chain	of Custody?	Yes V	, N	0 🗆	Adjusted?	ess noted)
	t analyses were requested?	or Sustody?	Yes N				
	ng times able to be met? ustomer for authorization.)		Yes			Checked by: 3/241	22 Tin
	ing (if applicable)				/		
	tified of all discrepancies wil	h this order?	Yes	□ N	0 🗆	NA 🗹	
Person	Notified:	Date	c l				
By Who	om:	Via:	eMail	Phone [	Fax	In Person	
Regardi	ng:						
Client Ir	nstructions:			*			
16. Additional rer	marks:						
17. <u>Cooler Information</u> Cooler No	mation Temp °C Condition 1.1 Good	Seal Intact Seal No	Seal Date	e Signed	d By		



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,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

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					Analys	t: <b>JMT</b>
Chloride	330	60	mg/Ko	20	4/6/2022 4:19:44 PM	66638
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: 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	%Red	1	4/4/2022 3:22:14 PM	66523
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: 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	%Red	1	4/2/2022 5:05:00 AM	66508
EPA METHOD 8021B: VOLATILES					Analys	t: 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	%Red	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 1 of 38

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 U	U <b>nits</b>	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	310	60	r	mg/Kg	20	4/6/2022 4:44:34 PM	66638
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	TOM
Diesel Range Organics (DRO)	ND	9.1	r	mg/Kg	1	4/4/2022 4:10:18 PM	66523
Motor Oil Range Organics (MRO)	ND	45	r	mg/Kg	1	4/4/2022 4:10:18 PM	66523
Surr: DNOP	108	51.1-141	9	%Rec	1	4/4/2022 4:10:18 PM	66523
EPA METHOD 8015D: GASOLINE RANGE						Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	r	mg/Kg	1	4/2/2022 5:44:00 AM	66508
Surr: BFB	99.4	37.7-212	9	%Rec	1	4/2/2022 5:44:00 AM	66508
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	ND	0.025	r	mg/Kg	1	4/2/2022 5:44:00 AM	66508
Toluene	ND	0.049	r	mg/Kg	1	4/2/2022 5:44:00 AM	66508
Ethylbenzene	ND	0.049	r	mg/Kg	1	4/2/2022 5:44:00 AM	66508
Xylenes, Total	ND	0.099	r	mg/Kg	1	4/2/2022 5:44:00 AM	66508
Surr: 4-Bromofluorobenzene	84.7	70-130	9	%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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 1	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	86	60	I	mg/Kg	20	4/6/2022 4:56:58 PM	66638
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	TOM
Diesel Range Organics (DRO)	ND	9.3	1	mg/Kg	1	4/4/2022 4:34:24 PM	66523
Motor Oil Range Organics (MRO)	ND	46	1	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	1	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	1	mg/Kg	1	4/2/2022 6:04:00 AM	66508
Toluene	ND	0.046	1	mg/Kg	1	4/2/2022 6:04:00 AM	66508
Ethylbenzene	ND	0.046	1	mg/Kg	1	4/2/2022 6:04:00 AM	66508
Xylenes, Total	ND	0.093	1	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 Uni	ts DI	F Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: <b>JMT</b>
Chloride	280	60	mg/	(g 20	0 4/5/2022 9:41:42 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: TOM
Diesel Range Organics (DRO)	ND	9.7	mg/	(g 1	4/4/2022 4:58:28 PM	66523
Motor Oil Range Organics (MRO)	ND	48	mg/	<b>(</b> g 1	4/4/2022 4:58:28 PM	66523
Surr: DNOP	104	51.1-141	%R	ec 1	4/4/2022 4:58:28 PM	66523
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/	(g 1	4/2/2022 6:24:00 AM	66508
Surr: BFB	97.8	37.7-212	%R	ec 1	4/2/2022 6:24:00 AM	66508
<b>EPA METHOD 8021B: VOLATILES</b>					Analys	t: CCM
Benzene	ND	0.025	mg/	(g 1	4/2/2022 6:24:00 AM	66508
Toluene	ND	0.050	mg/	(g 1	4/2/2022 6:24:00 AM	66508
Ethylbenzene	ND	0.050	mg/	<b>(</b> g 1	4/2/2022 6:24:00 AM	66508
Xylenes, Total	ND	0.10	mg/	<b>(</b> g 1	4/2/2022 6:24:00 AM	66508
Surr: 4-Bromofluorobenzene	81.1	70-130	%R	ec 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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					Analysi	: JMT
Chloride	260	60	mg/Kg	20	4/5/2022 9:54:06 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	:: ТОМ
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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	: ЈМТ
Chloride	120	60	mg/Kg	20	4/5/2022 10:18:56 PM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ТОМ
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				Analyst	: ЈМЕ
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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	: ЈМТ
Chloride	490	60	mg/Kg	20	4/6/2022 12:22:59 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ЈМЕ
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
<b>EPA METHOD 8021B: VOLATILES</b>					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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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	:: ЈМТ
Chloride	390	60	mg/Kg	20	4/6/2022 1:12:36 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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	: ЈМТ
Chloride	250	61	mg/Kg	20	4/6/2022 1:49:50 AM	66649
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS					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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 Unit	s DI	F Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	330	60	mg/l	(g 20	4/6/2022 1:56:07 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	9.9	mg/l	(g 1	4/1/2022 12:40:58 PM	66546
Motor Oil Range Organics (MRO)	ND	49	mg/l	(g 1	4/1/2022 12:40:58 PM	66546
Surr: DNOP	103	51.1-141	%Re	c 1	4/1/2022 12:40:58 PM	66546
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	5.0	mg/l	(g 1	4/1/2022 11:29:22 AM	66539
Surr: BFB	102	37.7-212	%Re	c 1	4/1/2022 11:29:22 AM	66539
<b>EPA METHOD 8021B: VOLATILES</b>					Analyst	BRM
Benzene	ND	0.025	mg/l	(g 1	4/1/2022 11:29:22 AM	66539
Toluene	ND	0.050	mg/l	(g 1	4/1/2022 11:29:22 AM	66539
Ethylbenzene	ND	0.050	mg/l	(g 1	4/1/2022 11:29:22 AM	66539
Xylenes, Total	ND	0.10	mg/l	(g 1	4/1/2022 11:29:22 AM	66539
Surr: 4-Bromofluorobenzene	98.2	70-130	%Re	c 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 U	nits ]	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CAS
Chloride	480	60	m	g/Kg	20	4/6/2022 2:08:27 AM	66656
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst:	ED
Diesel Range Organics (DRO)	ND	9.9	m	g/Kg	1	4/1/2022 1:53:33 PM	66546
Motor Oil Range Organics (MRO)	ND	50	m	g/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	m	g/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	m	g/Kg	1	4/1/2022 12:40:40 PM	66539
Toluene	ND	0.050	m	g/Kg	1	4/1/2022 12:40:40 PM	66539
Ethylbenzene	ND	0.050	m	g/Kg	1	4/1/2022 12:40:40 PM	66539
Xylenes, Total	ND	0.099	m	g/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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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#### 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: mq/Kq

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

Chloride ND 1.5

Sample ID: LCS-66649 SampType: Ics 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

SPK value SPK Ref Val %REC %RPD **RPDLimit** Qual

Analyte Result PQL LowLimit HighLimit Chloride 1.5 15.00 92.5 110

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: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 66656 RunNo: 87005

Prep Date: Analysis Date: 4/5/2022 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 15.00 928 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 TestCode: EPA Method 300.0: Anions SampType: Ics

Client ID: LCSS Batch ID: 66638 RunNo: 87038

Prep Date: 4/5/2022 Analysis Date: 4/6/2022 SeqNo: 3077761 Units: mg/Kg

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

14 1.5 91.3 Chloride 15.00 110

#### Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Estimated value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 31 of 38

#### Hall Environmental Analysis Laboratory, Inc.

11-Apr-22

Qual

2203F74

WO#:

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

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Diesel Range Organics (DRO) NΩ 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 PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 49 10 50.00 68.9 135 97.5 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

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 43 10 49.85 n 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

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Diesel Range Organics (DRO) 44 9.6 48.22 0 92.2 36.1 154 2.75 33.9 Surr: DNOP 4.822 3.8 79.0 51.1 141 0 0

TestCode: EPA Method 8015M/D: Diesel Range Organics Sample ID: 2203F74-029AMS SampType: MS

SW-7 Batch ID: 66546 RunNo: 86957 Client ID:

Prep Date: 3/31/2022 Analysis Date: 4/1/2022 SeqNo: 3072526 Units: mg/Kg

%REC %RPD Analyte Result PQL SPK value SPK Ref Val HighLimit **RPDLimit** Qual LowLimit Diesel Range Organics (DRO) 41 83.0 9.9 49.46 36.1 154

Surr: DNOP 4.3 4.946 86.4 51.1 141

#### Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Estimated value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 32 of 38

### Hall Environmental Analysis Laboratory, Inc.

SampType: MSD

WO#: **2203F74** 

11-Apr-22

Client: GHD Midland

Sample ID: 2203F74-029AMSD

**Project:** Gumby BAG Federal 1

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Client ID: SW-7	Batcl	h ID: <b>66</b>	546	F	RunNo: 8	6957				
Prep Date: 3/31/2022	Analysis [	Date: 4/	/1/2022	8	SeqNo: 3	072527	Units: mg/h	<b>(</b> g		
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	Samp1	ype: <b>LC</b>	s	Tes	tCode: EI	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batcl	h ID: <b>66</b>	523	F	RunNo: 8	6957				
Prep Date: 3/31/2022	Analysis [	Date: 4/	/1/2022	8	SeqNo: 3	072547	Units: mg/h	<b>(</b> g		
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	Samp1	ype: <b>LC</b>	s	Tes	tCode: EI	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batcl	h ID: <b>66</b>	546	F	RunNo: 8	6957				
Prep Date: 3/31/2022	Analysis [	Date: 4/	/1/2022	8	SeqNo: 3	072548	Units: mg/h	<b>(</b> g		
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			

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

Sample ID: MB-66523	SampT	ype: <b>ME</b>	BLK	Tes	tCode: <b>El</b>	ode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch	ID: 665	523	F	RunNo: 80	6957					
Prep Date: 3/31/2022	Analysis D	ate: <b>4/</b>	1/2022	S	SeqNo: 30	072549	Units: mg/K	g			
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: <b>MB-66546</b>	SampType: <b>MBLK</b>			TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: <b>66546</b> Analysis Date: <b>4/1/2022</b>			F	RunNo: 8						
Prep Date: 3/31/2022				8	SeqNo: 3	072550	Units: mg/K	(g			
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 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

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### Hall Environmental Analysis Laboratory, Inc.

2200

SampType: MBLK

WO#: **2203F74** 

0

S

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	n ID: <b>66</b>	539	F	RunNo: 80	6929				
Prep Date: 3/31/2022	Analysis D	ate: <b>4/</b>	1/2022	8	SeqNo: 30	071299	Units: mg/k	(g		
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			-
			1000		040	07.7	040			
Surr: BFB	2100		1000		213	37.7	212			S
Sample ID: 2203F74-029AMS		ype: <b>M</b> \$		Tes		-	8015D: Gaso	oline Rang	e	5
	<b>D</b> SampT	ype: <b>M</b> \$	SD			PA Method		oline Rang	e	5
Sample ID: <b>2203F74-029AMS</b>	<b>D</b> SampT	n ID: <b>66</b>	SD 539	F	tCode: El	PA Method		J	e	5
Sample ID: 2203F74-029AMS Client ID: SW-7	SampT Batch	n ID: <b>66</b>	SD 539 1/2022	F	tCode: El	PA Method	8015D: Gasc	J	<b>e</b> RPDLimit	Qual

Sample ID: Ics-66539	SampT	ype: <b>LC</b>	S	Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batcl	n ID: <b>66</b>	539	F	RunNo: 8	6929					
Prep Date: 3/31/2022	Analysis D	oate: 4/	1/2022	S	SeqNo: 3	071342	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				

215

37.7

TestCode: EPA Method 8015D: Gasoline Range

212

0

999.0

Client ID: PBS	Batch	ID: <b>66</b>	539	F	RunNo: 8	6929					
Prep Date: 3/31/2022	Analysis Date: 4/1/2022				SeqNo: <b>3071344</b>			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: Ics-66508	SampT	ype: <b>LC</b>	S	Tes	TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch	n ID: <b>66</b>	508	F	RunNo: 8	6911				
Prep Date: 3/30/2022	Analysis D	)ate: <b>4/</b>	1/2022	8	SeqNo: 3	071525	Units: mg/K	(g		
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: <b>MBLK</b>	TestCode: EPA Method 80	015D: Gasoline Range
Client ID: PBS	Batch ID: 66508	RunNo: <b>86911</b>	
Prep Date: 3/30/2022	Analysis Date: 4/1/2022	SeqNo: <b>3071526</b> U	Jnits: mg/Kg
Analyte	Result PQL SPK value S	PK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual

#### Qualifiers:

Surr: BFB

Sample ID: mb-66539

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

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#### 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

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

Gasoline Range Organics (GRO) NΩ 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: Analysis Date: 4/2/2022 3/30/2022 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 974 37 7 212

Sample ID: Ics-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

Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte LowLimit Qual Gasoline Range Organics (GRO) 27 5.0 25.00 0 108 72.3 137

Surr: BFB S 2100 1000 37.7 212 212

Sample ID: 2203f74-009ams TestCode: EPA Method 8015D: Gasoline Range SampType: MS

Client ID: BH-10 Batch ID: 66513 RunNo: 86937

Prep Date: 3/30/2022 Analysis Date: 4/2/2022 SeqNo: 3071592 Units: mg/Kg

Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** PQL LowLimit Qual Gasoline Range Organics (GRO) 25 4.7 104 70 130 23.72

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

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 0 70 20 4.6 23.17 103 130 2.50 Surr: BFB 37.7 1900 926.8 205 212 0 0

#### Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

WO#: **2203F74** 

11-Apr-22

**Client:** GHD Midland

**Project:** Gumby BAG Federal 1

Sample ID: 2203F74-030AMS	SampT	ype: MS	3	Test						
Client ID: BH-24	Batch	n ID: <b>66</b> 5	539	R	RunNo: 8					
Prep Date: 3/31/2022	Analysis D	ate: 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: <b>66</b>	539	F	RunNo: 8					
Prep Date: 3/31/2022	Analysis D	ate: 4/	1/2022	S	SeqNo: 3	071349	Units: mg/K	g		
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	SampT	ype: <b>LC</b>	s	Tes	tCode: El	PA Method	8021B: Volat	iles				
Client ID: LCSS	Batcl	n ID: <b>66</b>	539	F								
Prep Date: 3/31/2022	Analysis D	)ate: <b>4/</b>	1/2022	8	SeqNo: 3	071390	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	SampT	SampType: <b>MBLK</b>			tCode: El						
Client ID: PBS	Batcl	Batch ID: 66539			RunNo: 8	6929					
Prep Date: 3/31/2022	Analysis D	Date: <b>4/</b>	1/2022	S	SeqNo: 3	071392	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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### Hall Environmental Analysis Laboratory, Inc.

WO#: **2203F74** *11-Apr-22* 

**Client:** GHD Midland

**Project:** Gumby BAG Federal 1

Sample ID: Ics-66508	Samp1	ype: <b>LC</b>	S	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batcl	n ID: <b>66</b>	508	F	RunNo: 8					
Prep Date: 3/30/2022	Analysis [	Date: 4/	1/2022	8	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: <b>mb-66508</b>	Sampı	ype: ME	3LK	res						
Client ID: PBS	Batch	n ID: <b>66</b>	508	F	RunNo: 80					
Prep Date: 3/30/2022	Analysis D	ate: <b>4/</b>	1/2022	S	SeqNo: 30	g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.87		1.000		87.3	70	130			

Sample ID: <b>mb-66513</b>	SampT	ype: <b>ME</b>	BLK	TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch	n ID: <b>66</b>	513	R	RunNo: 8					
Prep Date: 3/30/2022	Analysis D	ate: <b>4/</b>	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	SampT	ype: <b>LC</b>	s	Tes	8021B: Volat	iles							
Client ID: LCSS	Batcl	n ID: <b>66</b>	513	F	RunNo: 8	6937							
Prep Date: 3/30/2022	Analysis D	oate: <b>4/</b>	2/2022	8	SeqNo: 3	071617	1617 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	1.0 1.000			101	70	130						

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 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

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### Hall Environmental Analysis Laboratory, Inc.

WO#: **2203F74** 

11-Apr-22

**Client:** GHD Midland

**Project:** Gumby BAG Federal 1

Sample ID: 2203f74-010ams	Samp1	уре: <b>М</b> S	3	Tes							
Client ID: BH-11	Batcl	h ID: <b>66</b>	513	F	RunNo: 8	6937					
Prep Date: 3/30/2022	Analysis [	Date: <b>4/</b>	2/2022	8	SeqNo: 3	071620	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	SampT	SampType: MSD TestCode: EPA Method 8021B: Volatiles								
Client ID: BH-11	Batch	n ID: 66	513	F	RunNo: 80					
Prep Date: 3/30/2022	Analysis D	)ate: <b>4/</b>	2/2022	S	SeqNo: 30	071621	Units: mg/K	(g		
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 N	umber: 2203F74		RcptNo:	1
Received By:	Juan Rojas	3/30/2022 9:15;0	00 AM	( Mais 30)		
Completed By:	Sean Livingston	3/30/2022 10:23			i inate	
Reviewed By:	Time		.25 AW	Sal	ng of	
		3/80/m				
Chain of Cus	<u>tody</u>					
1. Is Chain of Co	ustody complete?		Yes 🗸	No 🗆	Not Present	
2. How was the	sample delivered?		Courier		, ist i lose iii 🗀	
Log In						
	pt made to cool the sam	ples?	Yes 🗸	No 🗌	NA [7]	
		F.55-6-5	ies 💽	NO 🗀	NA 🗌	
4. Were all samp	les received at a temper	rature of >0° C to 6.0°C	Yes 🗹	No 🗌	NA 🗆	
5. Sample(s) in p	roper container(s)?		Yes 🗸	w [7]		
			res 🔽	No 🗌		
	ole volume for indicated		Yes 🗸	No 🗌		
	except VOA and ONG) p	roperly preserved?	Yes 🗸	No 🗌		
<ol><li>Was preservati</li></ol>	ve added to bottles?		Yes	No 🗸	NA 🗌	
9. Received at lea	est 1 vial with headspace	<1/4" for AQ VOA?	Yes	No 🗌	NA 🗸	
	ple containers received		Yes	No 🔽	NA 🛂	075
			, 55	110	# of preserved	3/30/-
11. Does paperwor	k match bottle labels?	9	Yes 🗸	No 🗌	bottles checked for pH:	3   30
	ncies on chain of custod prectly identified on Cha					12 unless noted)
	analyses were requested		Yes 🗹	No 🔲	Adjusted?	
	times able to be met?	12	Yes 🗸	No 🔲	i i i i i i i i i i i i i i i i i i i	
(If no, notify cus	stomer for authorization.	ì	Yes 🗸	No 🔲	Checked by:	
Special Handlir	ng (if applicable)					
	fied of all discrepancies	with this order?	Yes	No 🗌	NA [7]	
Person N				NO E	NA 🗹	
By Whom	ii e	Date Via:		)		
Regarding		via.	ewaii F	Phone  Fax	In Person	
Client Ins						
16. Additional rema	arks:					
17. <u>Cooler Inform</u>						
Cooler No	Temp °C Condition	Seal Intact Seal No	0	ust Mari		
	0.3 Good	Seal Intact Seal No	Seal Date	Signed By		
	3.1 Good					

Client: GHD				<		7			ST.		て ニ ア こ リ	ve l
		本 Standard	Rush A	Sel Sel			ANAL	9-	-	ABORATOR	ATOI	d by
and the second s		Project Name:		0			www.ha	www.hallenvironmental.com	menta	.com		
Mailing Address:		Goul.	RAC. G	Jun 21	490	4901 Hawkins NE	ns NE	- Albuqu	uerque,	Albuquerque, NM 87109	- О	<b>D:</b> 4/
324 W. Main St. S	324 W. Main St. Suite 108, Artesia NM 88210	Project#			Te	Tel. 505-345-3975	15-3975	Fax		505-345-4107		25/2
Phone #: (5	(505)377-4218	(2)	(256,5500)				7	Analysis	s Request	est		022
email or Fax#: B	Becky, Haskell@ghd.com	Project Manager:	ager:		-			<sup>†</sup> OS		(jue		4:0
QA/QC Package:		Becky Haskell	<b>I</b>			s,ac	SWI	S '⊅C		ypse-		9:55
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Accreditation:	☐ Az Compliance	Sampler:	Zach Comino	0			728	NOS		_		f —
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	Project #:0	Tel 505-345-3075	buquerque, NM 8/109
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email or Fax#: Becky. Haskell@ghd.com Proj	Project Manager:	1	Jeson (
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☐ Standard ☐ Level 4 (Full Validation) Tom	Tom Larson	SCB	edA\
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Relinquished by:	Via: Date T		Comino@gna.com ghd.com;
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St. Suite 108, Artesia NM 88210  St. Suite 108, Artesia NM 88210  (505)377-4218  St. Suite 108, Artesia NM 88210  (505)377-4218  St. Suite 108, Artesia NM 88210  (505)377-4218  St. Suite 108, Artesia NM 88210  Project Name:  Project Name:  Recky Haskell  Sampler: Zach Comino On Ice: X Yes Cooler Temp(including or): 6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-	8 BTEX+MIBE / TMB's (8021)	(C) MAC DATE (C) 10 10 10 10 10 10 10 10 10 10 10 10 10	MALY ENVIRONMS  Www.hallenvironmental.com  Kins NE - Albuquerque, NM 87109  RCRA 8 Metals  CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> 8250 (VOA)  R25-3975  Analysis Request  Total Coliform (Present/Absent)  Chloride Method 3006	ANALYSIS LABORATOR  Www.hallenvironmental.com  Kins NE - Albuquerque, NM 87109  CRA 8 Metals  CRA 8 Metals  Analysis Request  Analysis Req
In St. Suite 108, Artesia NM 88210  (505)377-4218  A#: Becky.Haskell@ahd.com	# # # # # # # # # # # # # # # # # # #	8081 Pesticides/8082 PCB's  EDB (Method 504.1)	CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> 8260 (VOA)  8270 (Semi-VOA)  8270 (Semi-VOA)  Total Coliform (Present/Absent)	37109 07
St. Suite 108, Artesia NM 88210	# # # # # # # # # # # # # # # # # # #	8081 Pesticides/8082 PCB's  EDB (Method 504.1)	Analysis Requence.  Albuquerque, SO <sub>4</sub> , SO <sub>4</sub> , SO <sub>4</sub> , SO <sub>5</sub> , SO <sub>5</sub> , SO <sub>5</sub> , SO <sub>6</sub>	NM 87109 150 (Insert Vines 17) MM 87109 300 bonde Method 300.
(505)377-4218	BTEX+MIBE/ TMB's (8021)	8081 Pesticides/8082 PCB's  EDB (Method 504.1)  PAHs by 8310 or 8270SIMS  RCRA 8 Metals	CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> 8260 (VOA)  8270 (Semi-VOA)  Total Coliform (Present/Absent)	NM State Method 300.
x#:         Becky. Haskell@ghd.com         Project Manager:           (age:         □ Level 4 (Full Validation)         Tom Larson           on:         □ Az Compliance         Sampler:         Zach Comino           pe)         # of Coolers:         Preservative           ne         Matrix         Sample Name         Type and # Type           15         \$1.23         \$1.23           20         \$1.25         \$2.3-5           20         \$1.25         \$2.3-5           20         \$1.25         \$2.3-5           20         \$2.3-5         \$2.3-5           20         \$2.3-5         \$2.3-5           20         \$2.3-5         \$2.3-5	BTEX+MIBE/ TMB's (8021)	8081 Pesticides/8082 PCB's  EDB (Method 504.1)  PAHs by 8310 or 8270SIMS  RCRA 8 Metals	CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	Maria Collinoide Method 300.
x#: Becky.Haskell@ahd.com Project Manager:  sage:  age:  Level 4 (Full Validation) Tom Larson  Dother Sampler: Zach Comino  On Ice: X Yes  Do Ice: X Yes  Cooler Tempinating cr): 6.4  Container Preservative  Type and # Type  SU.25  SU.25  SU.25	8 BTEX+ MTBE / TMB's (8021)	8081 Pesticides/8082 PCB's  EDB (Method 504.1)  PAHs by 8310 or 8270SIMS  RCRA 8 Metals	CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> 8260 (VOA) 8270 (Semi-VOA)	Mari Comorni (Fresent) 300.
Becky Haskell  Decky Haskell  Tom Larson  Sampler: Zach Comino  On Ice: X Yes  On Ice: X Yes  Cooler Temp(induding cr): Co	BTEX+MIBE/ TMB's (8021)	8081 Pesticides/8082 PCB's  EDB (Method 504.1)  PAHs by 8310 or 8270SIMS	CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO 8260 (VOA)	
Doubles Sampler: Zach Comino On Ice: X Yes Doubles And The Matrix Sample Name Type and # Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type and # Type St. 2.5  Substituting CF. Container Type And # Type St. 2.5  Substituting CF. Container Type And # Type St. 2.5  Substituting CF. Container Type And # Type St. 2.5  Substituting CF. Container Type And # Type St. 2.5  Substituting CF. Container Type And # Type St. 2.5  Substituting CF. Container Type And # Type St. 2.5  Substituting CF. 2	STEX+MIBE   TMB's (80	8081 Pesticides/8082 PCB EDB (Method 504.1) PAHs by 8310 or 8270SIM:	CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , 8260 (VOA)	
Dother Sampler: Zach Comino On Ice: X Yes Dother Yes Dother: X Yes Dother Yes Dother: X Yes Dother:	0 .3 2 6.3 HEAL NO. BTEX+MIBE / TMB'S	8081 Pesticides/8082 F EDB (Method 504.1)	CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , F 8260 (VOA)	
Dother On Ice: X Yes Double)  # of Coolers: Y Yes Double Name	0 326.3 -326.3 -6.323.1 HEAL NO.	8081 Pesticides/80 EDB (Method 504.7	CI, F, Br, NO <sub>3</sub> , NC 8260 (VOA)	
me Matrix Sample Name Type and # Type  SU-S	326.3 -6.3.3.1 HEAL No. BTEX- MIBE.	8081 Pesticides EDB (Method 50	8250 (Semi-VOA) 8260 (VOA)	
Time Matrix Sample Name Container Preservative Type and # Type 1220   SU-25   SU-6   S	.326.3 .6.3.2.3.1 HEAL No. 025 0.25 %	8081 Pesticio	CI, F, Br, No 8260 (VOA) 8270 (Semi-N	
Time Matrix Sample Name         Container           1215         \$ 134.22           1220         \$4.23           1300         \$13.5           1300         \$13.5           1500         \$13.5	& BTEX+	8081 Peg	CI, F, Br, 8260 (VC	
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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,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

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 ORG	ANICS				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
<b>EPA METHOD 8021B: VOLATILES</b>					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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 1 of 13

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 U	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	MRA
Chloride	280	60	r	mg/Kg	20	4/6/2022 3:26:14 PM	66666
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst	JME
Diesel Range Organics (DRO)	ND	9.6	r	mg/Kg	1	4/4/2022 2:50:45 PM	66560
Motor Oil Range Organics (MRO)	ND	48	r	mg/Kg	1	4/4/2022 2:50:45 PM	66560
Surr: DNOP	108	51.1-141	Ç	%Rec	1	4/4/2022 2:50:45 PM	66560
EPA METHOD 8015D: GASOLINE RANGE						Analyst	BRM
Gasoline Range Organics (GRO)	ND	4.8	r	mg/Kg	1	4/2/2022 2:51:55 AM	66547
Surr: BFB	99.5	37.7-212	Ç	%Rec	1	4/2/2022 2:51:55 AM	66547
EPA METHOD 8021B: VOLATILES						Analyst	BRM
Benzene	ND	0.024	r	mg/Kg	1	4/2/2022 2:51:55 AM	66547
Toluene	ND	0.048	r	mg/Kg	1	4/2/2022 2:51:55 AM	66547
Ethylbenzene	ND	0.048	r	mg/Kg	1	4/2/2022 2:51:55 AM	66547
Xylenes, Total	ND	0.096	r	mg/Kg	1	4/2/2022 2:51:55 AM	66547
Surr: 4-Bromofluorobenzene	99.7	70-130	C	%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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 2 of 13

**CLIENT:** GHD Midland

Surr: 4-Bromofluorobenzene

66547

#### **Analytical Report**

Lab Order **2203G86** 

4/2/2022 3:15:27 AM

Date Reported: 4/12/2022

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BH-27

%Rec

 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

Result **RL Oual Units DF** Date Analyzed **Batch Analyses 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 4/5/2022 1:07:26 PM 66560 Motor Oil Range Organics (MRO) ND 66560 48 mg/Kg 1 4/5/2022 1:07:26 PM Surr: DNOP 108 %Rec 4/5/2022 1:07:26 PM 66560 51.1-141 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 4/2/2022 3:15:27 AM 66547 46 mg/Kg 1 Surr: BFB 99.6 37.7-212 %Rec 4/2/2022 3:15:27 AM 66547 **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 0.023 mg/Kg 4/2/2022 3:15:27 AM 66547 1 Toluene ND 0.046 mg/Kg 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 4/2/2022 3:15:27 AM 66547

101

70-130

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

Qualifiers:

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

Reporting Limit Page 3 of 13

**CLIENT:** GHD Midland

#### **Analytical Report**

Lab Order **2203G86**Date Reported: **4/12/2022** 

### Hall Environmental Analysis Laboratory, Inc.

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 4 of 13

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 5 of 13

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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Lab Order **2203G86** 

## Hall Environmental Analysis Laboratory, Inc. Date Reported: 4/12/2022

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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**CLIENT:** GHD Midland

#### **Analytical Report**

Lab Order 2203G86

Date Reported: 4/12/2022

### Hall Environmental Analysis Laboratory, Inc.

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

Result **RL Oual Units DF** Date Analyzed **Batch Analyses 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 4/4/2022 4:28:31 PM 66560 Motor Oil Range Organics (MRO) ND 66560 49 mg/Kg 1 4/4/2022 4:28:31 PM Surr: DNOP 95.2 %Rec 4/4/2022 4:28:31 PM 66560 51.1-141 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 4/2/2022 5:59:57 AM 66547 47 mg/Kg 1 Surr: BFB 94.4 37.7-212 %Rec 4/2/2022 5:59:57 AM 66547 **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 0.023 mg/Kg 4/2/2022 5:59:57 AM 66547 1 Toluene ND 0.047 mg/Kg 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 4/2/2022 5:59:57 AM 66547 Surr: 4-Bromofluorobenzene 70-130 %Rec 66547 99.3 4/2/2022 5:59:57 AM

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

Qualifiers:

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

pipe pH Not in Range
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#### Hall Environmental Analysis Laboratory, Inc.

12-Apr-22

2203G86

WO#:

**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: Ics 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: Ics 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
- 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

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#### 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 PBS RunNo: 86951 Client ID: Batch ID: 66560 Units: mg/Kg Prep Date: 4/1/2022 Analysis Date: 4/4/2022 SeqNo: 3073031 Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Result

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

SPK value SPK Ref Val %REC Analyte Result PQL LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 44 10 50.00 87.7 68.9 135 Surr: DNOP 4.0 5.000 0.08 51.1 141

#### Qualifiers:

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

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#### 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

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

%REC %RPD **RPDLimit** Analyte Result PQL SPK value SPK Ref Val LowLimit HighLimit Qual Gasoline Range Organics (GRO) 26 5.0 25.00 0 103 72.3 137 Surr: BFB

202

37.7

212

Sample ID: mb-66539 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

1000

Client ID: PBS Batch ID: 66539 RunNo: 86929

2000

Analysis Date: 4/1/2022 Prep Date: 3/31/2022 SeqNo: 3071344 Units: %Rec

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

960 1000 Surr: BFB 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

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

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 980 1000 97.8 37.7 212

#### Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Estimated value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 12 of 13

#### Hall Environmental Analysis Laboratory, Inc.

2203G86 12-Apr-22

WO#:

**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 SegNo: 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

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit 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 0.89 0.050 0 88.9 80 120 Ethylbenzene 1.000 Xylenes, Total 2.7 0.10 3.000 0 89.5 80 120 1.000 99.7 70 130 Surr: 4-Bromofluorobenzene 10

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

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix 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

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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 Nun	nber: 220	3G86			RcptNo: 1	
Received By:	Juan Rojas	3/31/2022 9:05:00	AM		Lian	rang)		
Completed By:	Sean Livingston	3/31/2022 10:08:1	4 AM		<	1	(n_4	
Reviewed By:	Time	3/31/22			رد		2734	
Chain of Cus	stody							
1. Is Chain of C	ustody complete?		Yes	V	No		Not Present	
2. How was the	sample delivered?		Cou	rier				
Log In								
	npt made to cool the sam	ples?	Yes	V	No		NA 🗆	
4. Were all samp	ples received at a temper	ature of >0° C to 6.0°C	Yes	V	No		NA 🗆	
5. Sample(s) in	proper container(s)?		Yes	~	No			
6. Sufficient sam	ple volume for indicated t	test(s)?	Yes	<b>V</b>	No			
7. Are samples (	except VOA and ONG) pr	operly preserved?	Yes	~	No			
8. Was preserva	tive added to bottles?		Yes		No	<b>V</b>	NA 🗆	
9. Received at le	east 1 vial with headspace	<1/4" for AQ VOA?	Yes		No		NA 🗹	
10. Were any san	nple containers received t	oroken?	Yes		No	<b>V</b>	# of preserved	
	ork match bottle labels? ancies on chain of custody	<b>/</b> )	Yes	V	No		bottles checked for pH: (<2 or >12 unless no	oted)
	correctly identified on Cha		Yes	V	No		Adjusted?	
	analyses were requested	1?	Yes	~	No		/ 101 -	1-
	ng times able to be met? ustomer for authorization.)		Yes	V	No		Checked by: KVU 3	12
Special Handli	ing (if applicable)							
15. Was client not	tified of all discrepancies	with this order?	Yes		No		NA 🗸	
Person	Notified:	Date:				-		
By Who		Via:	☐ еМа	ill 🔲 F	Phone [	Fax	☐ In Person	
Regardi		The state of the s						
Client In	structions:							
16. Additional ren	marks:							
17. Cooler Inforr	mation							
Cooler No	Temp °C Condition	Seal Intact Seal No	Seal Da	ite	Signed E	Bv		
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,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order **2204067** 

## Hall Environmental Analysis Laboratory, Inc. Date Reported: 4/12/2022

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				Analys	t: LRN	
Chloride	490	59	mg/Kg	20	4/8/2022 3:38:59 PM	66731
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analys	t: 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	METHOD 8015D: GASOLINE RANGE Analyst:					t: 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					Analys	t: 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 1 of 5

### 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: Ics 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 2 of 5

### Hall Environmental Analysis Laboratory, Inc.

WO#: **2204067** 

13-Apr-22

**Client:** GHD Midland

**Project:** Gumby BAG Federal 1

Project: Gumby	BAG Federal 1	
Sample ID: LCS-66640	SampType: <b>LCS</b>	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 66640	RunNo: <b>87063</b>
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: <b>87063</b>
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	05.0
Surr: DNOP	9.5 10.00	95.2 51.1 141
Sample ID: LCS-66673	SampType: <b>LCS</b>	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 66673	RunNo: <b>87063</b>
Prep Date: 4/6/2022	Analysis Date: 4/7/2022	SeqNo: <b>3077955</b> Units: <b>%Rec</b>
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: DNOP	5.00 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: <b>3077956</b> Units: <b>%Rec</b>
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: <b>LCS</b>	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: <b>3080858</b> Units: <b>%Rec</b>
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: <b>MBLK</b>	TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: <b>66706</b>	RunNo: <b>87134</b>
Prep Date: 4/7/2022	Analysis Date: 4/8/2022	SeqNo: <b>3080859</b> Units: <b>%Rec</b>
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

#### Qualifiers:

Surr: DNOP

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

8.9

B Analyte detected in the associated Method Blank

89.1

51.1

141

E Estimated value

10.00

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

Page 3 of 5

#### Hall Environmental Analysis Laboratory, Inc.

2300

2204067

S

WO#:

13-Apr-22

**Client:** GHD Midland

**Project:** Gumby BAG Federal 1

Sample ID: Ics-66613	SampT	ype: LC	S	Tes	PA Method	8015D: Gasol	ine Range	•				
Client ID: LCSS	Batch	n ID: <b>666</b>	ID: 66613 RunNo: 87013									
Prep Date: 4/4/2022	Analysis D	oate: <b>4/6</b>	6/2022	SeqNo: <b>3074581</b>			Units: mg/K	Inits: 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					

Sample ID: mb-66613 TestCode: EPA Method 8015D: Gasoline Range SampType: MBLK Client ID: PBS Batch ID: 66613 RunNo: 87013 Prep Date: 4/4/2022 Analysis Date: 4/6/2022 SeqNo: 3074582 Units: mg/Kg SPK value SPK Ref Val %REC Analyte Result **PQL** LowLimit HighLimit %RPD **RPDLimit** Qual

Gasoline Range Organics (GRO)

ND 5.0

1000

1000

102

228

Surr: BFB

Surr: BFB

1000

37.7

37.7

212

212

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

Page 4 of 5

### Hall Environmental Analysis Laboratory, Inc.

2204067 13-Apr-22

WO#:

Client: GHD Midland

**Project:** Gumby BAG Federal 1

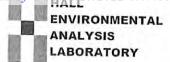
Sample ID: Ics-66613	SampT	ype: LC:	S	Tes	tCode: EF	PA Method	8021B: Volati	les			
Client ID: LCSS	Batcl	n ID: <b>666</b>	613	F	RunNo: 87	7013					
Prep Date: 4/4/2022	Analysis [	)ate: <b>4/6</b>	6/2022	SeqNo: <b>3074630</b>			Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%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	SampT	Гуре: <b>МЕ</b>	BLK	TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batcl	h ID: <b>666</b>	613	F	RunNo: 87	7013					
Prep Date: 4/4/2022	Analysis [	Date: 4/0	6/2022	SeqNo: <b>3074631</b>			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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 5 of 5



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 Nur	mber: 2204067		RcptN	lo: 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:	Sa 4/4/22					
Chain of Cus	stody					
1. Is Chain of C	ustody complete?		Yes 🗸	No 🗌	Not Present	
2. How was the	sample delivered?		Courier			
Log In						
3. Was an atter	npt made to cool the sample	s?	Yes 🗸	No 🗌	NA 🗌	
4. Were all samp	oles received at a temperatu	re of >0° C to 6.0°C	Yes 🔽	No 🗆	NA 🗆	
5. Sample(s) in p	proper container(s)?		Yes 🔽	No 🗌		
6. Sufficient sam	ple volume for indicated tes	t(s)?	Yes 🗸	No 🗆		
	except VOA and ONG) prop		Yes 🗸	No 🗆		
	tive added to bottles?		Yes	No 🗹	NA 🗆	
9. Received at lea	ast 1 vial with headspace <	/4" for AQ VOA?	Yes	No 🗆	NA 🗹	
	nple containers received bro		Yes 🗆	No 🗹	INA 🖭	
	rk match bottle labels? ncies on chain of custody)		Yes 🗹	No 🗆	# of preserved bottles checked for pH:	
	orrectly identified on Chain	of Custody?	Yes 🗸	No 🗌	Adjusted?	>12 unless noted)
	analyses were requested?	A	Yes 🔽	No 🗆		4 11
<ol> <li>Were all holdin (If no. notify cu</li> </ol>	g times able to be met? stomer for authorization.)		Yes 🗹	No 🗌	Checked by:	KAR 4/4/22
Special Handli	ng (if applicable)					
	ified of all discrepancies wit	this order?	Yes	No 🗆	NA 🗹	
Person N	Notified:	Date				
By Whor		Via:	eMail I	Phone  Fax	In Person	
Regardin						
	structions:					
16. Additional rem	narks:					
17. <u>Cooler Inform</u> Cooler No 1 2	Temp °C Condition 3	Seal Intact Seal No es	Seal Date	Signed By		

Project Name:	Chain-of-Custody Record	Turn-Around Time:	
Project Name:   Project Name	Client: GHD		
Sulfer 108 Artesia NM 89210			al.com
Suite 108_Artesia NM 88210   Project #	Mailing Address:	an BAC Clerk	Albuquerque, NM 87109
December		Project #:	505-345-3975 Fax 505-345-4107
Detect   Project Manager.   Project Manager.		1256352cs	Request
Decky Haskell   Becky Haskell   Becky Haskell   Becky Haskell   Becky Haskell   Companies   Companie	- 5	Project Manager:	()u()
Complete   Accomplete   Complete   Accomplete   Complete   Complete   Accomplete   Complete   Com	QA/QC Package:	Becky Haskell	MS (MS )
Date Time   Sample: Zach Comino   Date Time   Remarks: Please email: Chase_Settle@eogresources.com; Ares			Dq ;
Time   Matrix   Sample   Name   Type   and # Type		Zach Comino X Yes	5/8082 6/10/20 1/20/20 1/20/20 1/20/20 1/20/20 1/20/20 1/20/20/20 1/20
Time   Matrix   Sample   Name   Type and # Type		2:sie	Respirates NO.3 10 (GR NO.3 10 )
Time: Reinquished by:  Received by:  Receive		Cooler Temp(including CF): 4.7-04 4.72	15D lethal lethal yy 83 3 Me 3r, 1 3r, 1 MOA
Time: Relinquished by:   Received by:   Vai:   Date   Time   Remarks: Please email: Chase_Settle@eogresources.com;   Time: Relinquished by:   Received by:   Vai:   Date   Time   Remarks: Please email: Chase_Settle@eogresources.com;   Amber_Griffin@eogresources.com;   Amber_Gr	Time Matrix	Preservative Type	12 TPH:80 (W 2081 Per
Time: Reinquished by:  Received by: Via:  Received by: Via:  Time: Reinquished by:  Received by: Via:  Time: Remarks: Please email: Chase_Settle@eogresources.com;  Amber: Griffin @eogresources.com;	V		
Time: Relinquished by:  Received by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com;  Time: Relinquished by: Alaxon Mathew.Laughlin@ghd.com;  Time: Relinquished by: Alaxon Mathew.Laughling.Com  Time: Alaxon Ma	1		À
Time: Relinquished by:   Received by:   Via:   Date   Time   Remarks: Please email: Chase Settle@eogresources.com;   Time: Relinquished by:   Via:   Date   Time   Time: Relinquished by:   Via:   Date   Time   Time:   Received by:   Via:			
Time: Relinquished by: Via:   Date Time   Remarks: Please email: Chase_Settle@eogresources.com;			
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Time: Relinquished by: Received by: Received by: Time: Relinquished by: Time: Amber_Griffin@eogresources.com; Along with Becky Haskell listed above.  Pixet Bill to EOG Chase Settle			
Time: Relinquished by: Received by: Received by: Received by: Received by: Time: Relinquished by: Time: Relinquished by: Time: Amber_Griffin@eogresources.com; Along with Becky Haskell listed above.  Date Time Amber_Griffin@eogresources.com; Along with Becky Haskell listed above.			
Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com;  Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com;  Time: Relinquished by: Via: Date Time Amber_Griffin@eogresources.com: Along with Becky Haskell listed above.			
Time: Relinquished by: Via: Date Time Remarks: Please email: Chase_Settle@eogresources.com;			
This course of this possibility Any ruth contracted data will be clearly postated on the positive report	1		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.



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,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 1 of 35

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 2 of 35

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 Uni	s DI	F Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	150	60	mg/	(g 20	4/7/2022 6:55:20 PM	66718
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	9.5	mg/	(g 1	4/6/2022 10:42:40 PM	66635
Motor Oil Range Organics (MRO)	ND	48	mg/	(g 1	4/6/2022 10:42:40 PM	66635
Surr: DNOP	75.6	51.1-141	%Re	c 1	4/6/2022 10:42:40 PM	66635
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/	(g 1	4/5/2022 6:48:44 PM	66608
Surr: BFB	97.2	37.7-212	%Re	ec 1	4/5/2022 6:48:44 PM	66608
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.10	mg/	(g 1	4/5/2022 6:48:44 PM	66608
Benzene	ND	0.025	mg/	(g 1	4/5/2022 6:48:44 PM	66608
Toluene	ND	0.050	mg/	(g 1	4/5/2022 6:48:44 PM	66608
Ethylbenzene	ND	0.050	mg/	<b>(</b> g 1	4/5/2022 6:48:44 PM	66608
Xylenes, Total	ND	0.10	mg/	<b>(</b> g 1	4/5/2022 6:48:44 PM	66608
Surr: 4-Bromofluorobenzene	97.1	70-130	%Re	c 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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORGA	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORGA	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORGA	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORGA	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORGA	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORGA	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORGA	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORGA	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORGA	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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					Analys	t: LRN
Chloride	110	59	mg/Ko	20	4/8/2022 1:34:53 PM	66731
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	<b>j</b> 1	4/6/2022 2:42:49 PM	66640
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	<b>j</b> 1	4/6/2022 2:42:49 PM	66640
Surr: DNOP	75.5	51.1-141	%Red	1	4/6/2022 2:42:49 PM	66640
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	<b>j</b> 1	4/6/2022 4:07:00 AM	66613
Surr: BFB	101	37.7-212	%Red	1	4/6/2022 4:07:00 AM	66613
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Methyl tert-butyl ether (MTBE)	ND	0.097	mg/Kg	<b>j</b> 1	4/6/2022 4:07:00 AM	66613
Benzene	ND	0.024	mg/Kg	<b>j</b> 1	4/6/2022 4:07:00 AM	66613
Toluene	ND	0.049	mg/Kg	<b>j</b> 1	4/6/2022 4:07:00 AM	66613
Ethylbenzene	ND	0.049	mg/Kg	<b>j</b> 1	4/6/2022 4:07:00 AM	66613
Xylenes, Total	ND	0.097	mg/Kg	<b>j</b> 1	4/6/2022 4:07:00 AM	66613
Surr: 4-Bromofluorobenzene	85.5	70-130	%Red	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 Unit	s DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: LRN
Chloride	130	60	mg/K	g 20	4/8/2022 2:36:55 PM	66731
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: <b>ED</b>
Diesel Range Organics (DRO)	ND	9.9	mg/K	g 1	4/6/2022 3:55:15 PM	66640
Motor Oil Range Organics (MRO)	ND	50	mg/K	g 1	4/6/2022 3:55:15 PM	66640
Surr: DNOP	83.7	51.1-141	%Re	1	4/6/2022 3:55:15 PM	66640
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: BRM
Gasoline Range Organics (GRO)	ND	4.8	mg/K	g 1	4/6/2022 5:06:00 AM	66613
Surr: BFB	102	37.7-212	%Re	1	4/6/2022 5:06:00 AM	66613
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Methyl tert-butyl ether (MTBE)	ND	0.096	mg/K	g 1	4/6/2022 5:06:00 AM	66613
Benzene	ND	0.024	mg/K	g 1	4/6/2022 5:06:00 AM	66613
Toluene	ND	0.048	mg/K	g 1	4/6/2022 5:06:00 AM	66613
Ethylbenzene	ND	0.048	mg/K	g 1	4/6/2022 5:06:00 AM	66613
Xylenes, Total	ND	0.096	mg/K	g 1	4/6/2022 5:06:00 AM	66613
Surr: 4-Bromofluorobenzene	83.5	70-130	%Re	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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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#### 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

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

Chloride ND 1.5

Sample ID: LCS-66705 SampType: Ics 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

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

Chloride 1.5 15.00 91.0 110

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: Ics 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 15.00 918 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 TestCode: EPA Method 300.0: Anions SampType: Ics

Client ID: LCSS Batch ID: 66731 RunNo: 87136

Prep Date: 4/8/2022 Analysis Date: 4/8/2022 SeqNo: 3080930 Units: mg/Kg

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

14 1.5 90.2 Chloride 15.00 110

#### Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

POL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Estimated value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 28 of 35

#### 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

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL LowLimit Qual Diesel Range Organics (DRO) 6.886 41 9.7 48.45 704 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: SeqNo: 3077277 4/5/2022 Analysis Date: 4/7/2022

3.6

HighLimit Analyte Result PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 44 9.9 49.55 6.886 75.0 36.1 154 7.18 33.9

Units: mg/Kg

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

723

51 1

Diesel Range Organics (DRO) 40 10 50.00 0 79.6 68.9 135 Surr: DNOP 5.000 86.3 4.3 51.1 141

4 955

Sample ID: MB-66635 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Client ID: PBS Batch ID: 66635 RunNo: 87034 Prep Date: 4/5/2022 Analysis Date: 4/6/2022 SeqNo: 3077300 Units: mg/Kg

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

TestCode: EPA Method 8015M/D: Diesel Range Organics Sample ID: 2204066-021AMSD SampType: MSD

SW-11 Batch ID: 66640 RunNo: 87063 Client ID:

Prep Date: 4/5/2022 Analysis Date: 4/6/2022 SeqNo: 3077449 Units: mg/Kg

%REC LowLimit %RPD **RPDLimit** Analyte Result PQL SPK value SPK Ref Val HighLimit Qual Diesel Range Organics (DRO) 37 76.0 48.26 36.1 154 15.0 33.9 Surr: DNOP 3.3 4.826 68.4 51.1 141 0 0

#### Qualifiers:

Surr: DNOP

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

POL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Estimated value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 29 of 35

### Hall Environmental Analysis Laboratory, Inc.

2204066 12-Apr-22

Qual

WO#:

**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

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Diesel Range Organics (DRO) 0 43 9.3 46.60 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
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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### 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: Ics-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

HighLimit Analyte Result PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 5.0 25.00 O 108 72.3 137 Surr: BFB 2100 S 1000 215 37 7 212

Sample ID: Ics-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 Result PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte LowLimit HighLimit Qual

 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

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

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 S Surr: BFB 2200 968.1 232 37.7 212

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

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Qual

## 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: mq/Kq

	•				•		•	Ū		
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 Quanitative 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

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## Hall Environmental Analysis Laboratory, Inc.

WO#: 2204066

12-Apr-22

**Client: GHD** Midland

**Project:** Gumby BAG Federal 1

Sample ID: <b>mb-66608</b>	SampT	уре: МЕ	BLK	Tes	tCode: <b>E</b> l	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batch	n ID: <b>66</b> 0	808	F	RunNo: 8	7012				
Prep Date: 4/4/2022	Analysis D	)ate: <b>4/</b>	5/2022	8	SeqNo: 3	074499	Units: mg/K	(g		
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								
Vylonos Total	ND	0.10								

Xylenes, Total ND 0.10

1.000 101 70 Surr: 4-Bromofluorobenzene 1.0 130

Sample ID: LCS-66608	SampT	ype: <b>LC</b>	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batcl	n ID: <b>66</b> 0	608	F	RunNo: 8	7012				
Prep Date: 4/4/2022	Analysis D	)ate: <b>4/</b>	5/2022	8	SeqNo: 3	074500	Units: mg/K	(g		
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	SampT	ype: MS	3	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: BH-33	Batch	1D: <b>666</b>	608	F	RunNo: 8	7012				
Prep Date: 4/4/2022	Analysis D	ate: 4/	5/2022	8	SeqNo: 3	074503	Units: mg/K	(g		
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	SampTy	/pe: <b>MS</b>	SD.	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: BH-33	Batch	ID: 666	608	F	RunNo: 8	7012				
Prep Date: 4/4/2022	Analysis Da	ate: <b>4/</b>	5/2022	S	SeqNo: 30	074504	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.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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### Hall Environmental Analysis Laboratory, Inc.

WO#: **2204066** *12-Apr-22* 

**Client:** GHD Midland

Sample ID: Ics-66613

Surr: 4-Bromofluorobenzene

Xylenes, Total

Toluene

**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** 

SampType: LCS

2.8

0.89

ND

0.10

3.000

1.000

Prep Date: 4/4/2022 Analysis Date: 4/5/2022 SeqNo: 3074504 Units: mg/Kg

SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit Qual 0 Xylenes, Total 3.0 0.10 2.997 98.8 75.7 126 0.281 20 Surr: 4-Bromofluorobenzene 1.0 0.9990 103 130 0 0

Client ID: LCSS Batch ID: 66613 RunNo: 87013 Prep Date: Analysis Date: 4/6/2022 SeqNo: 3074630 4/4/2022 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 0.025 0 80 Benzene 0.91 1.000 913 120 Toluene 0.93 0.050 1.000 0 92.7 80 120 0 0.93 0.050 1.000 93.1 മറ 120 Ethylbenzene

0

92.7

88.6

TestCode: EPA Method 8021B: Volatiles

80

70

120

130

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 PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual Methyl tert-butyl ether (MTBE) ND 0.10 Benzene ND 0.025

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

 Surr: 4-Bromofluorobenzene
 0.85
 1.000
 84.6
 70

Sample ID: 2204066-021ams SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: **SW-11** Batch ID: **66613** RunNo: **87013** 

0.050

4/4/2022 Analysis Date: 4/6/2022 SeqNo: 3074636 Prep Date: Units: mg/Kg SPK value SPK Ref Val %REC **RPDLimit** Analyte Result PQL LowLimit HighLimit %RPD Qual Methyl tert-butyl ether (MTBE) 0.86 0.099 0.9881 86.6 61.5 113 0 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

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix 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

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## Hall Environmental Analysis Laboratory, Inc.

WO#: **2204066** *12-Apr-22* 

**Client:** GHD Midland

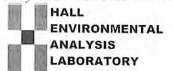
**Project:** Gumby BAG Federal 1

Sample ID: 2204066-021amsd	SampT	ype: MS	D	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID: SW-11	Batch	ID: <b>666</b>	613	F	RunNo: 8	7013				
Prep Date: 4/4/2022	Analysis D	ate: 4/0	6/2022	S	SeqNo: 3	074637	Units: mg/k	(g		
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 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

Page 35 of 35



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: 4/2/2022 10:00:00 AM Tracy Casarrubias Completed By: Tracy Casarrubias 4/2/2022 1:07:09 PM Reviewed By: Sel 4/72 Chain of Custody 1. Is Chain of Custody complete? Yes V No 🗆 Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes V NA 🗌 4. Were all samples received at a temperature of >0° C to 6.0°C No 🗌 Yes V NA 🗌 5. Sample(s) in proper container(s)? Yes 🗸 No Sufficient sample volume for indicated test(s)? Yes V No 🗌 7. Are samples (except VOA and ONG) properly preserved? No 🗌 Yes 🗸 8. Was preservative added to bottles? No V Yes NA 🗌 Received at least 1 vial with headspace <1/4" for AQ VOA?</li> Yes No 🗌 NA V Yes 10. Were any sample containers received broken? No V # of preserved bottles checked 11. Does paperwork match bottle labels? No 🗌 for pH: Yes 🗸 (Note discrepancies on chain of custody) (<2 or ≥12 unless noted) Adjusted? Yes V 12. Are matrices correctly identified on Chain of Custody? No 🗍 13. Is it clear what analyses were requested? Yes 🗸 No 🗌 14. Were all holding times able to be met? No 🗌 Yes V (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA V Person Notified: Date: By Whom: Via: eMail Phone Fax Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 1 4.7 Good Yes 2 3.3 Good Yes

Project Name:  Project Name:  Project Name:  Project Manager:  Becky Haskell  Ull Validation) Tom Larson  Sampler: Zach Comino On Ice: X Yes  # of Cooler Temp(metuding cF): U Cooler Temp(metuding cF): U Type and # Type					DALL.			
Project #: 0   Project Manager:   Becky Haskell   Becky Haskell   Sampler: Zach Comino   Don Ice: X Yes		Standard Rush S. & Project Name:	1		ANAL	SIS		ORATOR
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Cevel 4 (Full Validation)   Tom Larson   Tom Larson   Tom Larson   Tom Larson   Sampler: Zach Comino   Sampler: Zach Coler: X Yes   No.   Sampler: Zach Coler: X Yes   Sach (Scaleria   Sampler: Sample   Sampler: Sample   Sampler: Sample   Sampler: Sample   Sampler: Sampler: Sampler: Sample   Sampler:		Becky Haskell		IW /		¹ <sup>†</sup> Oc	sdA\	
Sampler: Zach Comino   Sampler: Zach Confirmation   Sampler: Zach Confirmation   Sampler: Zach Cooler: Target   Sample   Sam	☐ Level 4 (Full Validation)	Tom Larson		080 9 S	304	) <sup>2</sup> , F		01
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Y Z		<b>M</b>	4901 Hawkins NE -	Tel. 505-345-3975		(0)	CB,a	ВО В В	۵\ر 808 (۲.4	20 ea <sub>\</sub> :	D)(C bioi	N () M Rest (Metl	:HGD 1808 803	8	<u>.</u>										4 4	Remarks: Pleas Tom.Larso	Amber_Griff
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Client GHD			Mailing Address:	324 W. Main St. S	Phone #: (5	-ax#:	1 35	□ Standard	;:		ype)_		Date Time IV	1	0.862 1105	200	113.0	7.50	1120	1120	WHC.	(2-2)	Mos	1. S.	0161	Time:	Date: Time:

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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,

Andy Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 1 of 27

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

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **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 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 4/8/2022 2:55:34 PM 66673 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.8 4/7/2022 2:25:15 AM 66652 mg/Kg 1 Surr: BFB 96.8 37.7-212 %Rec 4/7/2022 2:25:15 AM 66652 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Methyl tert-butyl ether (MTBE) ND 0.095 4/7/2022 2:25:15 AM 66652 mg/Kg 1 Benzene ND 0.024 mg/Kg 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 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 4/7/2022 2:25:15 AM 66652 %Rec

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

Qualifiers:

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

imit Page 2 of 27

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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

Page 3 of 27

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	66767
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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	66767
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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	66768
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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	66768
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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	66768
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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	66768
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	ANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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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 ORG	SANICS				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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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### 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: Ics 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: Ics 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
- 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

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## 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

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

5.1

Prep Date: 4/6/2022 Analysis Date: 4/7/2022 SeqNo: 3077955 Units: mg/Kg

%REC %RPD **RPDLimit** Analyte Result PQL SPK value SPK Ref Val LowLimit HighLimit Qual Diesel Range Organics (DRO) 48 10 50.00 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

Analysis Date: 4/7/2022 Prep Date: 4/6/2022 SeqNo: 3077956 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual ND 10 Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 10.00 9.4 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 Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** PQL LowLimit Qual 50.00 Diesel Range Organics (DRO) 47 10 93.0 68.9 135

TestCode: EPA Method 8015M/D: Diesel Range Organics Sample ID: MB-66670 SampType: MBLK 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 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 10.00 87.2 8.7 51.1 141

5.000

#### Qualifiers:

Surr: DNOP

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

101

51.1

141

Estimated value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 22 of 27

#### 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: Analysis Date: 4/8/2022 SeqNo: 3080356 Units: %Rec 4/7/2022

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

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

Surr: DNOP 4.7 5.000 93.1 51.1

SampType: MS Sample ID: 2204129-016AMS 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

Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Diesel Range Organics (DRO) 42 10 50.25 n 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

SSW-1 Client ID: Batch ID: 66706 RunNo: 87134

Prep Date: 4/7/2022 Analysis Date: 4/8/2022 SeqNo: 3080851

Units: mg/Kg %RPD **RPDLimit** PQL SPK value SPK Ref Val %REC HighLimit Analyte Result LowLimit Qual Diesel Range Organics (DRO) 40 9.2 45.79 88.0 36.1 154 5.16 33.9 Surr: DNOP 3.7 4.579 81.2 51.1 141 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

Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte LowLimit Qual Diesel Range Organics (DRO) 44 10 50.00 n 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
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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

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## Hall Environmental Analysis Laboratory, Inc.

2204129 15-Apr-22

WO#:

**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: Ics-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 25 72.3 Gasoline Range Organics (GRO) 5.0 25.00 O 101 137

Surr: BFB 2000 1000 203 37.7 212

Sample ID: Ics-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

Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte LowLimit Qual Gasoline Range Organics (GRO) 28 5.0 25.00 0 113 72.3 137 Surr: BFB S 2200 1000 219 37.7 212

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
- 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

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## Hall Environmental Analysis Laboratory, Inc.

WO#: **2204129** 

15-Apr-22

**Client:** GHD Midland

**Project:** Gumby BAG Federal 1

Sample ID: <b>mb-66652</b>	SampT	ype: <b>ME</b>	BLK	Tes	tCode: El	iles				
Client ID: PBS	Batch	n ID: <b>66</b> 0	652	F	RunNo: 8	7032				
Prep Date: 4/5/2022	Analysis D	)ate: <b>4/</b>	6/2022	5	SeqNo: 3	076583	Units: mg/K	(g		
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: I CS-66652	CampT	vne: I C	c	Toc	tCodo: El	DA Mathad	9021B: Volat	ilee		

Sample ID: LCS-66652	SampT	ype: <b>LC</b>	S	TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batcl	n ID: <b>66</b> 0	652	F	RunNo: 8	7032					
Prep Date: 4/5/2022	Analysis D	)ate: <b>4/</b>	6/2022	S	SeqNo: 3	076584	Units: mg/K				
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: Ics-66675	Samp1	Гуре: <b>LC</b>	S	Tes	tCode: El					
Client ID: LCSS	Batcl	h ID: <b>66</b> 0	675	F	RunNo: 8					
Prep Date: 4/6/2022	Analysis [	Date: <b>4/</b>	7/2022	8	SeqNo: 3	078399	Units: mg/k	(g		
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	SampT	ype: <b>ME</b>	BLK	Tes	iles					
Client ID: PBS	Batch	n ID: <b>666</b>	675	F	RunNo: 8	7084				
Prep Date: 4/6/2022	Analysis D	ate: <b>4/</b>	7/2022	S	SeqNo: 3	078400	Units: mg/K	g		
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.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix 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

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### 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 0 97.6 68.8 Benzene 0.92 0.024 0.9461 120 Toluene 0.97 0.047 0.9461 0 102 73.6 124 0 72.7 0.98 0.047 0.9461 104 129 Ethylbenzene Xylenes, Total 2.9 0.095 2.838 0 104 75.7 126 0.80 0.9461 84.2 130 Surr: 4-Bromofluorobenzene 70

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 D	)ate: <b>4/</b>	7/2022	S	SeqNo: 30	078411	(g			
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 Quanitative 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

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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

ENVIRONMENTAL ANALYSIS LABORATORY

Client Name:	GHD Midland	Wo	rk Order Nu	mber: 22	04129		RcptNo: 1	
Received By:	Tracy Casarrubia	as 4/5/20	022 8:00:00	AM				
Completed By:	Tracy Casarrubia		022 9:52:57					
Reviewed By:	Crac			AIVI				
. ioviolica by:		4/5/2	2.2					
Chain of Cus	stody							
	ustody complete?			Yes	· •	No [	□ Not Present □	
2. How was the	sample delivered?				ırier		I Hot Poseit	
Log In								
	npt made to cool the	samples?		V	V	in F	1	
		odinpies:		res	V	No L	NA 🗌	
4. Were all samp	oles received at a ten	nperature of >0° C	to 6.0°C	Yes	<b>V</b>	No [	NA □	
5. Sample(s) in p	proper container(s)?			Yes	V	No [	1	
6. Sufficient sam	ple volume for indica	ted test(s)?		Yes	V	No 🗌		
	except VOA and ONG		ved?	Yes		No 🗆		
	tive added to bottles?			Yes		No 🗹	NA 🗆	
9. Received at lea	ast 1 vial with headsp	pace <1/4" for AQ	VOA?	Yes	П	No 🗌	NA 🔽	
	ple containers receiv			Yes		No 🔽		
aa -							# of preserved bottles checked	
11. Does paperwo (Note discrepa	rk match bottle labels ncies on chain of cus	s? stody)		Yes	V	No 🗌	for pH: (<2 or >12 unjle:	ss noted)
	orrectly identified on			Yes	V	No 🗌	Adjusted?	oo notea)
	analyses were reque			Yes	<b>V</b>	No 🗌	/	1
14. Were all holdin (If no, notify cu	g times able to be me stomer for authorizati	et?		Yes	V	No 🗆	Checked by: 127	5/22
	ng (if applicable							
	fied of all discrepanc		?	Yes		No 🗌	NA 🗹	
Person N	lotified:		Date	-				
By Whon	ni.		Via:	eMa	ii 🖂	Phone Fa	< ☐ In Person	
Regardin	g:					· none _ ra.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Client Ins	structions:			_				
16. Additional rem	arks:							
17. Cooler Inform	ation							
Cooler No	Temp °C Conditi	ion Seal Intact	Seal No	Seal Da	te	Signed By		
	4.6 Good	Yes				9 77 79		
-	5.6 Good	Yes						

Relinquished by:  Relinquished by:  Res submitted to Hall Environmental may be subco	Dav Time: Relinquished by:	24:0	110 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. P. C.	0726 13H-S	(A)			07.72	100 SH- 54	サラン	1000	des 88 8 345	Date Time Matrix Sample Name		L CDD (Type)	□ NELAC □ Other	on: Az Compli	☐ Standard ☐ Level 4 (Full Validation)	age:	email or Fax#: Becky.Haskell@ghd.com	Phone #: (505)377-4218	324 W. Main St. Suite 108, Artesia NM 88210	Mailing Address:	ge 43	Client GHD	
Received by: Via: Care Date Time  #### ###############################	Received by: Via: Date Time	110	010	200	008	400	900	200	hoo	800	002	001		HEAL S = 9-9:5	Cooler Temp(including CF): 46-4 -46		On Ice: X Yes I No	Sampler:		Becky Haskell	Project Manager:	1357.350	Project#:	Comb RACO ( M)		ASigndard K Buck	Turn-Around Time:
Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Matthew.Laughlin@ghd.com; Matthew.Laughlin@ghd.com; Matthew.Laughlin@ghd.com; Amber_Griffin@eogresources.com: Along with Becky Haskell listed above.    Usiz   Date Time Amber_Griffin@eogresources.com: Along with Becky Haskell listed above.   Direct Bill to EOC Chase Settle												8	80 EE PA RC CI, 820 821	TEX / NPH:8015 081 Pes 081 Pes 0B (Met AHs by CRA 8 N F, Br, 60 (VO) 70 (Sen real Colif	sticic stic st	les/ 500 or	0 / [ 808 4.1, 82 NO	DRO 32 P ) 70S	CB's	RO) S		Tel. 505-345-3975 Fax 505-345-4107	4901 Hawkins NE - Albuquerque, NM 87109	www.hallenvironmental.com	ANALYSIS LABORATORY	HALL ENVIRONMENTAL	



Client: GHD

Chain-of-Custody Record

Turn-Around Time:

**★** Standard

□ Rush

# HALL ENVIRONMENTAL

Fax 505-345-4107

8270 (Semi-VOA)

Chloride Method 300

Total Coliform (Present/Absent)

ANALYSIS LABORATORY www.hallenvironmental.com

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

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

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

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

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

CONDITIONS

Action 101348

#### **CONDITIONS**

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267 Midland, TX 79702	Action Number: 101348
	Action Type:  [C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created	By Condition	Condition Date
rhamle	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