

Incident ID	nAPP2215335874
District RP	
Facility ID	
Application ID	

Closure

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Amber Griffin Title: Rep Safety & Environmental Sr
Signature: Amber Griffin Date: 3/1/2023
email: amber_griffin@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Robert Hamlet Date: 4/17/2023

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

Closure Approved by: Robert Hamlet Date: 4/17/2023
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

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Release Notification

Responsible Party

Responsible Party EOG Resources, Inc	OGRID 7377
Contact Name Amber Griffin	Contact Telephone 575-748-1471
Contact email amber_griffin@eogresources.com	Incident # nAPP2215335874
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.575592 Longitude -104.578392
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Saguaro Water Transfer	Site Type Water Transfer Station
Date Release Discovered 6/1/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
F	15	20S	24E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: COG Operating, LLC)

Nature and Volume of Release

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

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

Cause of Release Historical impacts were discovered during the decommissioning process of the location. The environmental consultant contracted to investigate the area determined on 6/1/2022, based on the impacted area footprint, that the release more than likely breached the reportable volume threshold.

State of New Mexico
Oil Conservation Division

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Amber Griffin</u>	Title: <u>Rep Safety & Environmental Sr</u>
Signature: <u>Amber Griffin</u>	Date: <u>6/2/2022</u>
email: <u>amber_griffin@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<u>OCD Only</u>	
Received by: <u>jocelyn Harimon</u>	Date: <u>06/02/2022</u>

State of New Mexico
Oil Conservation Division

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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?	UNK (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

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Oil Conservation Division

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Printed Name: Amber Griffin Title: Rep Safety & Environmental Sr
Signature: Amber Griffin Date: 8/25/2022
email: amber_griffin@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Jocelyn Harimon Date: 08/25/2022

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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Amber Griffin Title: Rep Safety & Environmental Sr
Signature: Amber Griffin Date: 8/25/2022
email: amber_griffin@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: Jocelyn Harimon Date: 08/25/2022

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Amber Griffin Title: Rep Safety & Environmental Sr
Signature: *Amber Griffin* Date: 3/1/2023
email: amber_griffin@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

Our ref: 12585792

March 1, 2023

New Mexico Oil Conservation Division
District 2
506 W. Texas
Artesia, New Mexico 88210

Re: **Site Closure Report**
Saguaro Water Transfer Release Site
EOG Resources Inc.
Incident ID: nAPP2215335874
F-15-20S-24E, Eddy County, New Mexico

1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Closure Report to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of remedial activities and analyses conducted at the EOG Saguaro Water Transfer Release Site (Site). The Site is located in Unit Letter F, Section 15 of Township 20 South and Range 24 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.5753194° N latitude and 104.5788527° W longitude. The release occurred on land privately owned by COG Operating, LLC. Figure 1 depicts the Site location, the former EOG production facility and other site details are depicted on Figure 2.

2. Background Information

A C-141, Release Notification, for this release was submitted to the NMOCD on June 2, 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 tank battery containment appeared to be discolored. On June 1, 2022, GHD was on Site to investigate if the stained soils constituted a reportable release. Based on the results of that investigation and after discussions between field personnel and environmental staff, EOG made the decision to file a C-141 for this suspected 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 nAPP2215335874. The Release Notification, Site Assessment/Characterization, and Remediation Plan 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 I, Closure Criteria for Soils Impacted by a Release, (Table I) from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

The Site Characterization and Remediation Work Plan dated August 24, 2022 was approved by the NMOCD on December 2, 2022. Details of the Site Characterization documentation and previously completed Site assessment activities can be found in the aforementioned Site Characterization and Remediation Work Plan. The closure criteria are listed below:

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (feet)
No Receptors Found	>100

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Chloride (mg/kg)	TPH (GRO+DRO+MRO) (mg/kg)	TPH (GRO+MRO) (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	600	100	---	50	10
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	600	100	---	50	10
Notes: --- = not defined					

4. Initial Soil Delineation Assessment Summary and Findings

Between June 16 and July 12, 2022, GHD and EOG's contractor Standard Safety and Supply (SS) installed thirteen (13) test pits, TP-1 through TP-13, within the suspected impacted area. Soil samples were collected at depths ranging from the surface to sixteen (16) feet bgs. All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by Method 8015B Modified, and chloride by EPA Method 300 by Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico.

Analytical results indicated nine (9) of the thirteen (13) test pits had samples exhibiting TPH and chloride concentrations exceeding applicable Table I Closure Criteria for an area of high karst potential, at varying depths: TP-1, TP-2, TP-3, TP-4, TP-5, TP-6, TP-7, TP-11, and TP-13. Analytical results and sample locations are provided in the Site Characterization and Remediation Work Plan, dated August 24, 2022.

5. Remedial Excavation, Waste Management, and Confirmation Soil Sampling

Due to the samples exhibiting TPH and chloride exceedances, remedial excavation activities were conducted by SS with oversight being provided by GHD from September 12 through February 27, 2023. On October 3, 2022, GHD collected eighteen (18) bottom hole confirmation samples (BH-1 through BH-18). Bottom hole confirmation samples collected represented areas no greater than two hundred (200) square feet. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by HEAL in Albuquerque, New Mexico.

Analytical results indicated fourteen (14) of the confirmation samples exhibited chloride concentrations above Table I Closure Criteria: BH-1 through BH-6, BH-9 through BH-14, BH-16, and BH-18.

On October 14, 2022, GHD returned to the Site to collect an additional fourteen (14) bottom hole confirmation samples and fourteen (14) sidewall confirmation samples; BH-21 through BH-25, BH-28 through BH-36, SW-1 through SW-5, SW-8 through SW-14, SW-17, and SW-18. All confirmation samples represented areas no greater than two hundred (200) square feet. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by HEAL in Albuquerque, New Mexico.

Analytical results indicated twenty (20) of the confirmation samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria: BH-21 through BH-25, BH-28 through BH-32, BH-35, SW-1 through SW-5, SW-8, SW-9, SW-17 and SW-18.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional confirmation samples on October 21, 2022.

- The areas around BH-11 through BH-14, BH-16, and BH-18 were deepened from one (1) foot bgs to three (3) feet bgs and resampled: BH-11A through BH-14A, BH-16A, and BH-18A.
- The areas around BH-1 through BH-3 were deepened from three (3) feet bgs to four (4) feet bgs and resampled: BH-1A through BH-3A.
- The area around BH-10 was deepened from five (5) feet bgs to ten (ten) feet bgs and resampled: BH-10A.
- The areas around BH-4 through BH-6 were deepened from seven (7) feet bgs to eight (8) feet bgs and resampled: BH-4A through BH-6A.
- The area around BH-9 was deepened from nine (9) feet bgs to ten (10) feet bgs and resampled: BH-9A.

GHD also collected an additional four (4) bottom hole and five (5) sidewall composite confirmation samples; BH-19, BH-20, BH-26, BH-27, SW-6, SW-7, SW-15, SW-16, and SW-19. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by HEAL in Albuquerque, New Mexico.

Analytical results indicated seventeen (17) of the confirmation samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria: BH-9A through BH-14A, BH-16A, BH-18A, BH-19, BH-20, BH-26, BH-27, SW-6, SW-7, SW-15, SW-16, and SW-19.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas and resample on October 28, 2022.

- The areas around BH-21 and BH-28 were deepened from five (5) feet bgs to seven (7) feet bgs and resampled: BH-21A and BH-28A.
- The areas around BH-22 and BH-29 were deepened from five (5) feet bgs to six (6) feet bgs and resampled: BH-22A and BH-29A.
- The areas around BH-23 through BH-25 and BH30 through BH-32 were deepened from three (3) feet bgs to five (5) feet bgs and resampled: BH-23A through BH-25A and BH-30A through BH-32A.
- Sidewalls associated with SW-8 and SW-9 were further excavated and resampled: SW-8A and SW-9A.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by HEAL in Albuquerque, New Mexico.

Analytical results indicated eight (8) of the confirmation samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria: BH-21A through BH-23A, BH-28A through BH-30A, SW-8A, and SW-9A.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional confirmation samples on November 3, 2022.

- The areas around BH-9A and BH-10A were deepened from ten (10) feet bgs to twelve (12) feet bgs and resampled: BH-9B and BH-10B.
- The areas around BH-11A through BH-14A and BH-16A were deepened from three (3) feet bgs to six (6) feet bgs and resampled: BH-11B through BH-14B and BH-16B.
- The areas around BH-19, BH-20, BH-26, and BH-27 were deepened from fifteen (15) feet bgs to seventeen (17) feet bgs and resampled: BH-19A, BH-20A, BH-26A, and BH-27A.
- The area around BH-35 was deepened from seven (7) feet bgs and eight (8) feet bgs and resampled: BH-35A.
- Sidewalls associated with SW-1 through SW-7 and SW-15 through SW-19 were further excavated and resampled: SW-1A through SW-7A and SW-15A through SW-19A.

GHD also collected an additional eight (8) sidewall confirmation samples: SW-20 through SW-27. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated twenty-seven (27) of the confirmation samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria: BH-9B through BH-12B, BH-14B, BH-16B, BH-19A, BH-20A, BH-26A, BH-35A, SW-2A through SW-5A, SW-7A, SW-15A through SW-19A, and SW-21 through SW-27. Sample BH-27A was lost, this sample was later recollected on November 10, 2022, discussed in further detail below.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional confirmation samples on November 10, 2022.

- The area around BH-18A was deepened from three (3) feet bgs to five (5) feet bgs and resampled: BH-18B.

Due to the BH-27A sample being lost, this area was resampled: BH-27B. The samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated two (2) of the confirmation samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria: BH-18B and BH-27B.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional confirmation samples on November 15, 2022.

- The areas around BH-9B and BH-10B were deepened from twelve (12) feet bgs to thirteen (13) feet bgs and resampled: BH-9C and BH-10C.
- The areas around BH-21A and BH-28A were deepened from seven (7) feet bgs to eight (8) feet bgs and resampled: BH-21B and BH-28B.
- The areas around BH-22A and BH-29A were deepened from six (6) feet bgs to eight (8) feet bgs and resampled: BH-22B and BH-29B.
- The areas around BH-23A and BH-30A were deepened from five (5) feet bgs to eight (8) feet bgs and resampled: BH-23B and BH-30B.
- The area around BH-35A was deepened from eight (8) feet bgs to nine (9) feet bgs and resampled: BH-35B.
- Sidewalls associated with SW-8A, SW-9A, SW-21, and SW-22 were further excavated and resampled: SW-8B, SW-9B, SW-21A, and SW-22A.

GHD also collected an additional three (3) sidewall confirmation samples: SW-28 through SW-30. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated twenty (20) of the confirmation samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria: BH-9C, BH-10C, BH-21B through BH-23B, BH-28B through BH-30B, BH-35B, SW-8B, SW-9B, SW-21A, SW-22A, and SW-28 through SW-30.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional confirmation samples on November 21, 2022.

- The areas around BH-9C and BH-10C were deepened from thirteen (13) feet bgs to sixteen (16) feet bgs and resampled: BH-9D and BH-10D.

- The area around BH-35B was deepened from nine (9) feet bgs to twelve (12) feet bgs and resampled: BH-35C.
- Sidewalls associated with SW-2B through SW-4B, SW-21B, SW-22B, SW-29, and SW-30 were further excavated and resampled: SW-2C through SW-4C, SW-21C, SW-22C, SW-29A, and SW-30A.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated eight (8) of the confirmation samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria: BH-9D, BH-10D, BH-35B, SW-2C, SW-3C, SW-21C, SW-22C, and SW-30A.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional confirmation samples on November 29, 2022.

- The areas around BH-9D and BH-10D were deepened from sixteen (16) feet bgs to eighteen (18) feet bgs and resampled: BH-9E and BH-10E.
- The areas around BH-11B, BH-12B, BH-14B, and BH-16B were deepened from six (6) feet bgs to eight (8) feet bgs and resampled: BH-11C, BH-12C, BH-14C, and BH-16C.
- The area around BH-18B was deepened from five (5) feet bgs to seven (7) feet bgs and resampled: BH-18C.
- The area around BH-35C was deepened from twelve (12) feet bgs to fourteen (14) feet bgs and resampled: BH-35D.
- Sidewalls associated with SW-2C, SW-3C, SW-21B, SW-22B, SW-27, SW-28, and SW-30A were further excavated and resampled: SW-2D, SW-3D, SW-21C, SW-22C, SW-27A, SW-28A, and SW-30B.

GHD also collected an additional two (2) sidewall confirmation samples: SW-31 and SW-32. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated blank six (6) of the confirmation samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria: BH-9E, BH-11C, BH-16C, SW-3D, SW-22C, and SW-28A.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional confirmation samples on December 1 and 2, 2022.

- The areas around BH-19A, BH-20A, BH-26A, and BH-27B were deepened from seventeen (17) feet bgs to nineteen (19) feet bgs and resampled: BH-19B, BH-20B, BH-26B, and BH-27B2.
- The areas around BH-21B through BH-23B and BH-28B through BH-30B were deepened from eight (8) feet bgs to ten (10) feet bgs and resampled: BH-21C through BH-23C and BH-28C through BH-30C.
- Sidewalls associated with SW-7A, SW-8B, SW-9B, SW-19A, and SW-23 through SW-26 were further excavated and resampled: SW-7B, SW-8C, SW-9C, SW-19B, and SW-23A through SW-26A.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated eighteen (18) of the confirmation samples exhibited TPH and/or chloride concentrations above Table I Closure Criteria: BH-19B, BH-20B, BH-21C, BH-22C, BH-23C, BH-27B2, BH-28C, BH-29C, BH-30C, SW-7B, SW-8C, SW-19B, SW-23A through SW-26A, SW-31, and SW-32.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional confirmation samples on December 6, 2022.

- The area around BH-9E was deepened from eighteen (18) feet bgs to twenty (20) feet bgs and resampled: BH-9F.
- Sidewalls associated with SW-3D and SW-22C were further excavated and resampled: SW-3E and SW-22D.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated one (1) of the confirmation samples exhibited chloride concentrations above Table I Closure Criteria: SW-3E.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas and resample on December 12, 2022.

- The areas around BH-11C and BH-16C were deepened from eight (8) feet bgs to eleven (11) feet bgs and resampled: BH-11D and BH-16D.
- The areas around BH-19B, BH-20B, BH-26B, and BH-27B2 were deepened from nineteen (19) feet bgs to twenty-one (21) feet bgs and resampled: BH-19C, BH-20C, BH-26C, and BH-27C.
- The areas around BH-21C, BH-22C, BH-23C, BH-28C, BH-29C, and BH-30C were deepened from ten (10) feet bgs to twelve (12) feet bgs and resampled: BH-21D, BH-22D, BH-23D, BH-28D, BH-29D, and BH-30D.
- Sidewalls associated with SW-3E, SW-5B, SW-7B, SW-8C, SW-15A through SW-18A, SW-19B, SW-23A through SW-28A, SW-31, and SW-32 were further excavated and resampled: SW-3F, SW-5C, SW-7C, SW-8D, SW-15B through SW-18B, SW-19C, SW-23B through SW-28B, SW-31A, and SW-32A.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated twenty-three (23) of the confirmation samples exhibited chloride and/or TPH concentrations above Table I Closure Criteria: BH-16D, BH-19C, BH-20C, BH-21D, BH-22D, BH-23D, BH-27C, BH-28D through BH-30D, SW-3F, SW-7C, SW-8D, SW-15B through SW-18B, SW-19C, SW-23B through SW-26B, and SW-28B.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas and resample on December 20, 2022.

- The area around BH-16D was deepened from eleven (11) feet bgs to twelve (12) feet bgs and resampled: BH-16E.
- The areas around BH-19C, BH-20C, and BH-27C were deepened from twenty-one (21) feet bgs to twenty-three (23) feet bgs and resampled: BH-19D, BH-20D, and BH-27D.
- The areas around BH-21D, BH-22D, BH-23D, BH-28D, BH-29D, and BH-30D were deepened from twelve (12) feet bgs to fourteen (14) feet bgs and resampled: BH-21E, BH-22E, BH-23E, BH-28E, BH-29E, and BH-30E.
- Sidewalls associated with SW-3F, SW-19C, and SW-23B through SW-28B were further excavated and resampled: SW-3G, SW-19D, and SW-23C through SW-28C.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated all of the confirmation samples exhibited chloride and/or TPH concentrations above Table I Closure Criteria.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas and resample on January 9, 2023.

- The area around BH-16E was deepened from twelve (12) feet bgs to fourteen (14) feet bgs and resampled: BH-16F.
- The areas around BH-19D, BH-20D, and BH-27D were deepened from twenty-three (23) feet bgs to twenty-five (25) feet bgs and resampled: BH-19E, BH-20E, and BH-27E.
- The areas around BH-21E, BH-22E, BH-23E, BH-28E, BH-29E, and BH-30E were deepened from fourteen (14) feet bgs to sixteen (16) feet bgs and resampled: BH-21F, BH-22F, BH-23F, BH-28F, BH-29F, and BH-30F.
- Sidewalls associated with SW-3G, SW-7C, SW-8E, SW-15B through SW-18B, SW-19D, and SW-23C through SW-28C were further excavated and resampled: SW-3H, SW-7D, SW-8F, SW-15C through SW-18C, SW-19E, and SW-23D through SW-28D.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated twenty-one (21) of the confirmation samples exhibited chloride and/or TPH concentrations above Table I Closure Criteria: BH-16F, BH-19E, BH-20E, BH-21F through BH-23F, BH-28F through BH-30F, SW-7D, SW-8F, SW-15C through SW-18C, SW-19E, SW-23D through SW-26D, and SW-28D.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional confirmation composite samples on January 16 and 17, 2023.

- The area around BH-16F was deepened from fourteen (14) feet bgs to sixteen (16) feet bgs and resampled: BH-16G.
- The areas around BH-19E and BH-20E were deepened from twenty-five (25) feet bgs to twenty-seven (27) feet bgs and resampled: BH-19F and BH-20F.
- The areas around BH-21F through BH-23F and BH-28F through BH-30F were deepened from sixteen (16) feet bgs to eighteen (18) feet bgs and resampled: BH-21G through BH-23G and BH-28G through BH-30G.
- Sidewalls associated with SW-16C through SW-18C, SW-19E, and SW-23D through SW-26D were further excavated and resampled: SW-16D through SW-18D, SW-19F, and SW-23E through SW-26E.

Two (two) additional sidewall composite samples were also collected: SW-33 and SW-34. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated eleven (11) of the confirmation samples exhibited chloride and/or TPH concentrations above Table I Closure Criteria: BH-16G, BH-19F, BH-22G, BH-28G, BH-29G, SW-16D through SW-18D, SW-19F, SW-26E, and SW-33.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas and resample on January 23, 2023.

- The area around BH-16G was deepened from sixteen (16) feet bgs to eighteen (18) feet bgs and resampled: BH-16H.
- The area around BH-19F was deepened from twenty-seven (27) feet bgs to twenty-nine (29) feet bgs and resampled: BH-19G.
- The areas around BH-22G, BH-28G, and BH-29G were deepened from eighteen (18) feet bgs to twenty (20) feet bgs and resampled: BH-22H, BH-28H, and BH-29H.
- Sidewalls associated with SW-7D, SW-8E, SW-16D through SW-18D, SW-19F, SW-28D, and SW-33 were further excavated and resampled: SW-7E, SW-8F, SW-16E through SW-18E, SW-19G, SW-28E, and SW-33A.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated one (1) of the confirmation samples exhibited chloride concentrations above Table I Closure Criteria: SW-33A.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional composite confirmation samples on February 2, 2023.

- Sidewalls associated with SW-15C, SW-26E, and SW-33A were further excavated and resampled: SW-15D, SW-26F, and SW-33B.

Two (two) additional bottom hole and eight (8) additional sidewall composite confirmation samples were also collected: BH-37, BH-38, and SW-35 through SW-42. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated five (5) of the confirmation samples exhibited chloride and/or TPH concentrations above Table I Closure Criteria: BH-37, BH-38, SW-36, SW-40, and SW-41.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas and resample on February 9, 2023.

- The areas around BH-37 and BH-38 were deepened from four (4) feet bgs to six (6) feet bgs and resampled: BH-37A and BH-38A.
- Sidewalls associated with SW-36, SW-40, and SW-41 were further excavated and resampled: SW-36A, SW-40A, and SW-41A.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated four (4) of the confirmation samples exhibited chloride and/or TPH concentrations above Table I Closure Criteria: BH-37A, SW-36A, SW-40A, and SW-41A.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional composite confirmation samples on February 14, 2023.

- The area around BH-37A was deepened from six (6) feet bgs to eight (8) feet bgs and resampled: BH-37B.
- Sidewalls associated with SW-36A, SW-40A, and SW-41A were further excavated and resampled: SW-36B, SW-40B, and SW-41B.

Nine (9) additional bottom hole composite confirmation samples were also collected: BH-39 through BH-47. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated four (4) of the confirmation samples exhibited TPH concentrations above Table I Closure Criteria: BH-41, BH-45 through BH-47.

Due to confirmation samples exhibiting TPH and/or chloride concentrations above Table I Closure Criteria, GHD returned to the Site to oversee further excavation of the affected areas, resample, and collect additional composite confirmation samples on February 21, 2023.

- The area around BH-41 was deepened from twenty-five (25) feet bgs to twenty-seven (27) feet bgs and resampled: BH-41A.
- The area around BH-45 was deepened from five (5) feet bgs to seven (7) feet bgs and resampled: BH-45A.

- The area around BH-46 was deepened from eight (8) feet bgs to ten (10) feet bgs and resampled: BH-46A.
- The area around BH-47 was deepened from six (6) feet bgs to eight (8) feet bgs and resampled: BH-47A.

All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated none of the confirmation samples exhibited concentrations above Table I Closure Criteria.

GHD returned to the Site to collect additional sidewall composite confirmation samples on February 27, 2023. SW-43, SW-44, and SW-45 were collected from the excavation to cover depth intervals not previously sampled. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech in Farmington, New Mexico.

Analytical results indicated none of the confirmation samples exhibited concentrations above Table I Closure Criteria.

Figure 2 depicts the locations of the composite confirmation samples. Analytical results are provided in Table 1 and in the Laboratory Analytical Reports provided in Attachment A.

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 7,700 tons of impacted soil was removed from the remedial excavation and disposed of. The approved C-138 and waste manifests are available upon request but are not attached due to the size of the file. A summary of soil disposal is included in Table 2. A photographic log is included as Attachment B. Sampling notifications are included as Attachment C.

6. nAPP2215335874 Closure Request

The excavation will be backfilled with non-impacted soil, with the upper four (4) feet consisting entirely of soils imported to the Site from a locally sourced topsoil pit. Site characterization, soil delineation, and remediation activities for Incident nAPP2215335874 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 of nAPP2215335874.

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

Sincerely,

GHD



Nate Reece
Environmental Scientist



JT Murrey
Senior Project Manager

NR/jt/1

Encl. Figure 1 – Site Location Map
 Figure 2 – Confirmation Sampling Locations Map
 Table 1 – Summary of Soil Analytical Data
 Table 2 – Soil Disposal Summary
 Attachment A – Laboratory Analytical Reports and Chain-of-Custody Documentation
 Attachment B – Photographic Log
 Attachment C – Sampling Notifications

cc: Chase Settle/Amber Griffin – EOG Resources

Tables

Table 1
Summary of Soil Analytical Data
Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
			GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO						
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10	---	---	---	50	---	---	---	100	600			
Initial Assessment Samples												
TP1-2	6/16/22	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	1,900	1,500	3,400	<60
TP1-4	6/16/22	4	<0.12	<0.24	0.41	4.7	5.11	420	3,100	1,600	5,120	150
TP1-8	7/11/22	8	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<15	<48	<48	<60
TP2-S	6/16/22	Surface	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<15	<50	<50	500
TP2-2	6/16/22	2	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<15	<50	<50	3,000
TP2-4	6/16/22	4	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	18	<45	18	600
TP3-2	6/16/22	2	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<14	<48	<48	4,800
TP3-4	6/16/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<14	<48	<48	4,500
TP3-6	6/16/22	6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<49	<49	2,500
TP3-8	7/11/22	8	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	<50	<50	260
TP4-S	6/17/22	Surface	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	220	560	780	6,900
TP4-2	6/17/22	2	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<14	<46	<46	2,000
TP4-4	6/17/22	4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<15	<49	<49	870
TP4-6	7/11/22	6	<0.25	<0.049	<0.049	<0.099	<0.099	<4.9	<14	<47	<47	<60
TP5-S	6/17/22	Surface	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	170	220	390	2,400
TP5-2	6/17/22	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<14	<48	<48	220
TP5-4	6/16/22	4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	27	50	77	380
TP6-2	6/17/22	2	<0.12	<0.25	<0.25	<0.50	<0.50	<25	1,100	1,200	2,300	<60
TP6-8	6/17/22	8	<0.12	<0.25	0.82	1.2	2.02	230	1,800	710	2,740	1,200
TP6-12	6/17/22	12	0.82	<0.25	2.9	6.2	9.92	520	4,900	1,800	7,220	3,900
TP6-16	7/11/22	16	<0.25	<0.049	<0.049	<0.099	<0.099	<4.9	<14	<48	<48	580
TP7-S	6/17/22	Surface	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	1,200	1,400	2,600	<60
TP7-2	6/17/22	2	<0.12	<0.24	1.3	2.5	3.8	290	3,000	1,200	4,490	<60
TP7-4	6/17/22	4	0.14	<0.24	0.43	2.4	2.97	300	3,400	1,400	5,100	100
TP7-6	7/11/22	6	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<14	<48	<48	61
TP8-S	7/11/22	Surface	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<14	<48	<48	<60
TP8-2	7/11/22	2	<0.25	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<50	<50	100

Table 1
Summary of Soil Analytical Data
Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride	
									GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)		Total GRO/DRO/MRO
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC										
			10	---	---	---	50	---	---	---	100	600	
TP9-S	7/12/22	Surface	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<15	<49	<49	<60	
TP9-2	7/12/22	2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<50	<50	220	
TP10-S	7/12/22	Surface	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<14	<48	<48	<60	
TP10-2	7/12/22	2	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<15	<50	<50	220	
TP11-S	7/12/22	Surface	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<15	63	63	330	
TP11-2	7/12/22	2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<50	<50	1,300	
TP11-4	7/12/22	4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<49	<49	86	
TP12-S	7/12/22	Surface	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<14	<48	<48	<60	
TP12-2	7/12/22	2	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<15	<49	<49	<60	
TP13-S	7/12/22	Surface	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	260	760	1,020	<60	
TP13-2	7/12/22	2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<47	<47	<60	
Bottom Hole Confirmation Samples													
BH-1	10/3/22	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,070	
BH-1A	10/21/22	4	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<15	<50	<50	240	
BH-2	10/3/22	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,300	
BH-2A	10/21/22	4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<15	<50	<50	140	
BH-3	10/3/22	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,620	
BH-3A	10/21/22	4	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<14	<47	<47	140	
BH-4	10/3/22	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,000	
BH-4A	10/21/22	8	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<15	<49	<49	440	
BH-5	10/3/22	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,040	
BH-5A	10/21/22	8	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<15	<49	<49	270	
BH-6	10/3/22	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,400	
BH-6A	10/21/22	8	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<14	<48	<48	320	
BH-7	10/3/22	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	512	
BH-8	10/3/22	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.3	<10.0	16.3	432	
BH-9	10/3/22	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,800	
BH-9A	10/24/22	10	<0.024	<0.047	<0.047	<0.095	<0.095	7.5	52	<47	60	1,400	
BH-9B	11/3/22	12	<0.0250	<0.0250	<0.0250	0.0571	0.0571	<20.0	56.9	<50.0	56.9	2,340	

Table 1
Summary of Soil Analytical Data
Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10	---	---	---	50	---	---	---	100	600			
BH-9C	11/15/22	13	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	3,040
BH-9D	11/24/22	16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	955
BH-9E	11/29/22	18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,140
BH-9F	12/6/22	20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	513
BH-10	10/3/22	5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,520
BH-10A	10/24/22	10	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<48	<48	840
BH-10B	11/3/22	12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,480
BH-10C	11/15/22	13	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	780
BH-10D	11/24/22	16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	798
BH-10E	11/29/22	18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	465
BH-11	10/3/22	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,560
BH-11A	10/24/22	3	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	53	76	129	750
BH-11B	11/3/22	6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	843	328	1,174	<200
BH-11C	11/29/22	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	189	90.4	279	<400
BH-11D	12/12/22	11	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	71.1	<50.0	71.1	<400
BH-12	10/3/22	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,200
BH-12A	10/24/22	3	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	41	<50	<50	1,000
BH-12B	11/3/22	6	<0.0250	<0.0250	0.0253	0.148	0.1433	<20.0	564	244	772	<200
BH-12C	11/29/22	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	46.3	<50.0	<50.0	533
BH-13	10/3/22	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,570
BH-13A	10/24/22	3	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	36	49	85	2,300
BH-13B	11/3/22	6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	27.5	<50.0	<50.0	422
BH-14	10/3/22	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,040
BH-14A	10/24/22	3	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	26	49	75	730
BH-14B	11/3/22	6	<0.0250	<0.0250	<0.0250	0.0967	0.0967	<20.0	420	155	575	539
BH-14C	11/29/22	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
BH-15	10/3/22	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
BH-16	10/3/22	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.6	<10.0	24.6	1,060
BH-16A	10/24/22	3	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<14	<48	<48	2,200
BH-16B	11/3/22	6	<0.0250	<0.0250	0.0534	0.362	0.4154	<20.0	1,280	467	1,747	482

Table 1
Summary of Soil Analytical Data
Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10	---	---	---	50	---	---	100	600				
BH-16C	11/29/22	8	<0.0250	<0.0250	0.0465	0.0935	0.139	55.4	1,360	528	1,888	633
BH-16D	12/12/22	11	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,470	612	2,082	921
BH-16E	12/20/22	12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	198	110	308	1,000
BH-16F	1/9/23	14	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,220
BH-16G	1/16/23	16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	640
BH-16H	1/23/23	18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
BH-17	10/3/22	1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
BH-18	10/3/22	1	<0.060	<0.060	<0.060	<0.160	<0.300	<10.0	49.2	26.6	75.8	648
BH-18A	10/24/22	3	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<15	<49	<49	620
BH-18B	11/10/22	5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	39.3	67.0	106	117
BH-18C	11/29/22	7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<100
BH-19	10/24/22	15	<0.023	<0.047	0.21	0.43	0.64	48	700	300	1,048	650
BH-19A	11/3/22	17	<0.0250	0.220	0.657	2.49	3.367	64.2	2,190	869	3,143	1,900
BH-19B	12/4/22	19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	251	103	354	613
BH-19C	12/12/22	21	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,020	873	1,893	854
BH-19D	12/20/22	23	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	531	250	781	411
BH-19E	1/9/23	25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	374	182	556	979
BH-19F	1/16/23	27	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	212	103	315	291
BH-19G	1/23/23	29	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
BH-20	10/24/22	15	<0.023	<0.046	0.28	0.73	1.01	71	730	310	1,141	770
BH-20A	11/3/22	17	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,360	537	1,897	686
BH-20B	12/4/22	19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	277	118	395	<400
BH-20C	12/12/22	21	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	251	206	457	640
BH-20D	12/20/22	23	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	592	300	892	<400
BH-20E	1/9/23	25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	191	104	295	652
BH-20F	1/16/23	27	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	43.8	<50.0	43.8	<400
BH-21	10/14/22	5	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	560	510	1,070	2,500
BH-21A	10/28/22	7	<0.12	<0.25	<0.25	<0.50	<0.50	57	2,300	1,300	3,657	270
BH-21B	11/15/22	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,440	1,380	2,820	459
BH-21C	12/4/22	10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	278	149	427	568

Table 1
Summary of Soil Analytical Data
Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10	---	---	---	50	---	---	100	600				
BH-21D	12/12/22	12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,340	667	1,947	454
BH-21E	12/20/22	14	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	462	441	963	<400
BH-21F	1/9/23	16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	345	210	555	424
BH-21G	1/16/23	18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<400
BH-22	10/14/22	5	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	440	240	680	1,400
BH-22A	10/28/22	6	<0.12	<0.23	<0.23	<0.47	<0.47	<23	720	500	1,220	250
BH-22B	11/15/22	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	340	349	689	968
BH-22C	12/1/22	10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	130	75.9	266	<400
BH-22D	12/12/22	12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	625	333	958	<400
BH-22E	12/20/22	14	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	182	184	366	<400
BH-22F	1/9/23	16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	448	514	962	550
BH-22G	1/16/23	18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	104	54.7	159	<200
BH-22H	1/23/23	20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
BH-23	10/14/22	3	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	990	520	1,510	1,800
BH-23A	10/28/22	5	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	210	180	390	370
BH-23B	11/15/22	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	464	788	1,252	1,490
BH-23C	12/1/22	10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	215	127	342	407
BH-23D	12/12/22	12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	239	142	384	438
BH-23E	12/20/22	14	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	227	110	337	<400
BH-23F	1/9/23	16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	133	111	244	596
BH-23G	1/16/23	18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<400
BH-24	10/14/22	3	<0.024	<0.047	0.056	0.30	0.356	67	800	380	1,247	1,300
BH-24A	10/28/22	5	<0.12	<0.24	<0.24	<0.49	<0.49	<24	29	<49	<49	340
BH-25	10/14/22	3	<0.024	<0.048	<0.048	<0.097	<0.097	26	1,300	600	1,926	660
BH-25A	10/28/22	5	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<15	<49	<49	370
BH-26	10/21/22	15	<0.12	<0.24	<0.24	0.97	0.97	81	1,300	510	1,894	700
BH-26A	11/3/22	17	<0.0250	0.0838	0.191	1.20	1.47	41.2	1,500	590	2,134	655
BH-26B	12/1/22	19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<400
BH-27	10/21/22	15	<0.025	<0.050	0.089	0.35	0.439	45	580	360	985	1,100
BH-27A	11/3/22	17	Sample Lost									

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Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10	---	---	---	50	---	---	---	100	600			
BH-27B	11/10/22	17	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,290	1,640	2,900	35.0
BH-27B2	12/4/22	19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	559	314	873	<400
BH-27C	12/12/22	21	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	172	202	374	<400
BH-27D	12/20/22	23	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	470	280	750	539
BH-27E	1/9/23	25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<400
BH-28	10/14/22	5	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	750	820	1,570	3,700
BH-28A	10/28/22	7	<0.12	<0.24	<0.24	<0.48	<0.48	<24	2,700	1,800	4,500	1,900
BH-28B	11/15/22	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	296	177	473	831
BH-28C	12/4/22	10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	280	167	447	<400
BH-28D	12/12/22	12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	237	162	399	444
BH-28E	12/20/22	14	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	380	182	562	<400
BH-28F	1/9/23	16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	622	354	976	495
BH-28G	1/16/23	18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	42.8	3,270	1,350	4,663	<400
BH-28H	1/23/23	20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
BH-29	10/14/22	5	<0.12	<0.25	<0.25	<0.50	<0.50	64	310	<190	374	840
BH-29A	10/28/22	6	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	1,300	930	2,230	2,100
BH-29B	11/15/22	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	330	197	527	898
BH-29C	12/4/22	10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	282	158	440	<400
BH-29D	12/12/22	12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	196	124	320	<400
BH-29E	12/20/22	14	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	171	102	273	<400
BH-29F	1/9/23	16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	227	143	370	<400
BH-29G	1/16/23	18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	134	97.0	231	<400
BH-29H	1/23/23	20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
BH-30	10/14/22	3	<0.024	<0.048	<0.048	<0.096	<0.096	6.2	1,100	600	1,706	990
BH-30A	10/28/22	5	<0.12	<0.24	<0.24	<0.48	<0.48	<24	2,200	1,100	3,300	660
BH-30B	11/15/22	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,630	820	2,450	634
BH-30C	12/4/22	10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	291	159	450	422
BH-30D	12/12/22	12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	613	341	954	<400
BH-30E	12/20/22	14	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	248	132	380	567
BH-30F	1/9/23	16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	284	184	468	<400

Table 1
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Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10	---	---	---	50	---	---	---	100	600			
BH-30G	1/16/23	18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	64.1	<50.0	64.1	<400
BH-31	10/14/22	3	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	100	74	174	1,100
BH-31A	10/28/22	5	<0.12	<0.24	<0.24	<0.48	<0.48	<24	55	<48	<48	430
BH-32	10/14/22	3	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	520	350	870	580
BH-32A	10/28/22	5	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	15	<47	<47	270
BH-33	10/14/22	3	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<14	<48	<48	<60
BH-34	10/14/22	3	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<14	<47	<47	160
BH-35	10/14/22	7	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<14	<47	<47	980
BH-35A	11/3/22	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	4,150
BH-35B	11/15/22	9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	302	150	452	9,400
BH-35C	11/24/22	12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	66.8	<50.0	66.8	1,190
BH-35D	11/29/22	14	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	360
BH-36	10/14/22	7	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<15	<48	<48	530
BH-37	2/2/23	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	521	392	913	3,140
BH-37A	2/9/23	6	<0.0250	<0.0250	0.0261	0.282	0.3081	<20.0	1,160	526	1,686	959
BH-37B	2/14/23	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	42.0	<50.0	42.0	<400
BH-38	2/2/23	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	287	211	498	1,940
BH-38A	2/9/23	6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	50.7	<50.0	50.7	429
BH-39	2/14/23	20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<400
BH-40	2/14/23	18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	442
BH-41	2/14/23	25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	119	<50.0	119	477
BH-41A	2/21/23	27	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	182
BH-42	2/14/23	25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<400
BH-43	2/14/23	20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	26.4	<50.0	<50.0	<400
BH-44	2/14/23	5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	543
BH-45	2/14/23	5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	112	99.4	211	434
BH-45A	2/21/23	7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	21.6
BH-46	2/14/23	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	152	127	279	<400
BH-46A	2/21/23	10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<100
BH-47	2/14/23	6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	97.5	82.0	180	<400

Table 1
Summary of Soil Analytical Data
Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride	
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC										
			10	---	---	---	50	---	---	---	100		600
BH-47A	2/21/23	8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200	
Sidewall Confirmation Samples													
SW-1	10/14/22	0-3	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<15	<40	<40	1,700	
SW-1A	11/3/22	0-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	175	
SW-2	10/14/22	0-7	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<15	<50	<50	3,300	
SW-2A	11/3/22	0-8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,740	
SW-2B	11/15/22	0-8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	263	247	510	2,050	
SW-2C	11/24/22	0-8	<0.0250	0.142	<0.0250	<0.0250	0.142	<20.0	<25.0	<50.0	<50.0	694	
SW-2D	11/29/22	0-8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	447	
SW-3	10/14/22	0-4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<15	<49	<49	1,900	
SW-3A	11/3/22	0-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	2,300	
SW-3B	11/15/22	0-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	960	
SW-3C	11/24/22	0-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	735	
SW-3D	11/29/22	0-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,040	
SW-3E	12/6/22	0-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	804	
SW-3F	12/12/22	0-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	745	
SW-3G	12/20/22	0-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	693	
SW-3H	1/9/23	0-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	452	
SW-4	10/14/22	0-5	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	60	77	137	410	
SW-4A	11/3/22	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	894	
SW-4B	11/15/22	0-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,740	
SW-4C	11/21/22	0-11	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	571	
SW-5	10/14/22	0-1	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	37	65	102	670	
SW-5A	11/3/22	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	767	
SW-5B	11/15/22	0-7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	670	
SW-5C	12/12/22	0-8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	418	
SW-6	10/24/22	0-15	<0.024	<0.048	0.11	0.18	0.29	28	730	340	1,098	1,500	
SW-6A	11/3/22	0-15	<0.0250	0.0269	0.0347	<0.0250	0.0616	<20.0	<25.0	<50.0	<50.0	563	
SW-7	10/24/22	0-15	0.34	<0.23	4.1	2.2	6.64	480	5,700	2,200	8,380	940	
SW-7A	11/3/22	0-17	<0.0250	<0.0250	0.0541	0.0328	0.0869	<20.0	863	645	1,508	1,180	

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Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10	---	---	---	50	---	---	100	600				
SW-7B	12/11/22	0-17	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	91.6	85.7	177	634
SW-7C	12/12/22	0-17	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	2,930	1,540	4,440	<400
SW-7D	1/9/23	0-17	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	639	314	953	2,320
SW-7E	1/23/23	0-18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	494
SW-8	10/14/22	0-5	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	1,400	1,100	2,500	1,200
SW-8A	10/28/22	0-5	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	72	120	192	820
SW-8B	11/15/22	0-8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	803
SW-8C	12/11/22	0-10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	157	122	279	918
SW-8D	12/12/22	0-12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	383	450	833	619
SW-8E	1/9/23	0-16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	44.4	53.8	98	1,140
SW-8F	1/23/23	0-20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<400
SW-9	10/14/22	0-3	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	79	56	135	2,500
SW-9A	10/28/22	0-5	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<45	<49	<49	1,800
SW-9B	11/15/22	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,640
SW-9C	12/1/22	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	480
SW-10	10/14/22	0-3	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<15	<49	<49	<60
SW-11	10/14/22	0-14	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<15	<50	<50	380
SW-12	10/14/22	0-9	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<15	<49	<49	510
SW-13	10/14/22	0-5	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<14	<47	<47	460
SW-14	10/14/22	0-7	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<14	<47	<47	<61
SW-15	10/21/22	0-15	<0.12	<0.24	0.26	1.8	2.06	250	2,100	900	3,250	770
SW-15A	11/3/22	0-17	0.0340	0.271	1.05	5.20	6.555	109	6,840	2,470	9,419	1,230
SW-15B	12/12/22	0-21	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	37.9	52.6	91	2,060
SW-15C	1/9/23	0-21	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	6,160
SW-15D	2/2/23	4-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	50.3	<50.0	50.3	429
SW-16	10/21/22	0-15	<0.024	<0.048	0.42	1.5	1.92	75	1,300	900	2,275	340
SW-16A	11/3/22	0-17	0.269	0.341	1.25	5.42	7.25	107	7,940	3,090	11,137	2,540
SW-16B	12/12/22	0-20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	853	573	1,426	1,870
SW-16C	1/9/23	0-20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	55.1	90.2	145	1,340
SW-16D	1/17/23	4-20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	2,450	1,620	4,070	3,520

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Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10	---	---	---	50	---	---	---	100	600			
SW-16E	1/23/23	4-20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	591
SW-17	10/14/22	0-5	<0.024	<0.048	<0.048	<0.096	<0.096	13	530	530	1,073	990
SW-17A	11/3/22	0-7	<0.0250	0.129	0.0273	0.548	0.0743	22.2	1,620	648	2,290.2	776
SW-17B	12/12/22	0-12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,560	970	2,530	<400
SW-17C	1/9/23	0-16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	98.4	123	224	<400
SW-17D	1/17/23	0-18	<0.0250	0.0422	<0.0250	<0.0250	0.0422	<20.0	283	156	439	1,600
SW-17E	1/23/23	4-18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<400
SW-18	10/14/22	0-3	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	100	120	220	590
SW-18A	11/3/22	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	100	130	230	1,160
SW-18B	12/12/22	0-12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	84.5	81.0	166	1,480
SW-18C	1/9/23	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	40.0	60.5	100.5	3,920
SW-18D	1/17/23	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	59.2	86.6	146	2,490
SW-18E	1/23/23	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<400
SW-19	10/24/22	3-15	<0.025	<0.060	<0.060	0.17	0.17	35	490	260	785	400
SW-19A	11/3/22	5-17	<0.0250	0.359	0.061	3.55	4.77	104	5,640	2,050	7,764	2,020
SW-19B	12/14/22	5-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	545	259	804	633
SW-19C	12/12/22	8-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	688	663	1,351	755
SW-19D	12/20/22	8-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	562	239	804	748
SW-19E	1/9/23	8-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	258	130	388	646
SW-19F	1/16/23	8-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	40.1	1,630	662	2,332	<400
SW-19G	1/23/23	8-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
SW-20	11/3/22	0-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	430
SW-21	11/3/22	3-8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	4,500
SW-21A	11/15/22	3-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	32.5	<50.0	32.5	23,300
SW-21B	11/24/22	3-12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	2,780
SW-21C	11/29/22	3-14	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	594
SW-22	11/3/22	7-12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	38.6	<50.0	<50.0	1,730
SW-22A	11/15/22	7-12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	22.3	739	337	1,076	2,450
SW-22B	11/24/22	7-16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,120
SW-22C	11/29/22	7-16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	434	213	647	413

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Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10	---	---	---	50	---	---	---	100	600			
SW-22D	12/6/22	7-20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	25.0	<50.0	<50.0	272
SW-23	11/9/22	5-17	<0.0250	0.747	1.07	2.34	4.097	<20.0	1,820	623	2,443	1,590
SW-23A	12/4/22	8-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	309	125	434	2,120
SW-23B	12/12/22	8-21	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	226	239	465	1,540
SW-23C	12/20/22	8-23	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	342	172	514	2,230
SW-23D	1/9/23	8-25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	393	183	576	6,800
SW-23E	1/16/23	8-29	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<400
SW-24	11/9/22	5-17	<0.0250	0.0298	0.0741	0.399	0.4999	<20.0	1,440	556	1,996	1,900
SW-24A	12/4/22	8-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	175	106	284	453
SW-24B	12/12/22	11-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	304	420	724	<400
SW-24C	12/20/22	12-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	383	173	556	568
SW-24D	1/9/23	14-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	191	88.6	280	314
SW-24E	1/16/23	16-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	32.0	<50.0	32.0	<400
SW-25	11/9/22	7-17	<0.0250	0.0269	0.146	0.699	0.8419	25.5	1,660	784	2,470	1,680
SW-25A	12/4/22	10-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,520	812	2,332	937
SW-25B	12/12/22	12-21	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	405	253	658	426
SW-25C	12/20/22	14-23	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	361	446	807	420
SW-25D	1/9/23	16-25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	456	463	919	674
SW-25E	1/16/23	18-25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	57.3	<50.0	57.3	<400
SW-26	11/9/22	7-17	<0.0250	0.143	0.450	1.37	1.933	56.0	1,770	696	2,522	901
SW-26A	12/4/22	10-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	820	417	1,237	672
SW-26B	12/12/22	12-21	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	89.7	66.2	156	<400
SW-26C	12/20/22	14-23	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	1,020	943	1,963	404
SW-26D	1/9/23	16-25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	196	234	430	1,160
SW-26E	1/16/23	18-27	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	852	769	1,624	603
SW-26F	2/2/23	18-27	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
SW-27	11/9/22	1-17	<0.0250	<0.0250	0.0299	<0.0250	0.0299	<20.0	168	104	272	529
SW-27A	11/29/22	1-18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	32.8	<50.0	<50.0	316
SW-28	11/15/22	5-6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	55.9	<50.0	55.9	1,500
SW-28A	11/29/22	5-8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,070

Table 1
Summary of Soil Analytical Data
Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
10	---	---	---	50	---	---	---	100	600			
SW-28B	12/12/22	5-11	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	158	78.0	236	844
SW-28C	12/20/22	5-11	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	208	142	350	735
SW-28D	1/9/23	5-11	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,690
SW-28E	1/23/23	5-11	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	386
SW-29	11/15/22	4-8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,390
SW-29A	11/21/22	4-8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	464
SW-30	11/15/22	8-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	699
SW-30A	11/24/22	8-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	666
SW-30B	11/29/22	8-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	425
SW-31	12/4/22	5-10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	133	105	238	417
SW-31A	12/12/22	5-18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	40.0	<50.0	<50.0	459
SW-32	12/4/22	5-10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	443	268	711	584
SW-32A	12/12/22	5-18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	78.0	<50.0	78.0	493
SW-33	1/17/23	0-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	228	224	452	1,490
SW-33A	1/23/23	0-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	4,420
SW-33B	2/2/23	0-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
SW-34	1/17/23	0-4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	516
SW-35	2/2/23	0-11	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
SW-36	2/2/23	15-29	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	192	60.6	253	387
SW-36A	2/9/23	15-29	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	2,490
SW-36B	2/14/23	15-29	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
SW-37	2/2/23	0-27	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	51.8	<50.0	51.8	<200
SW-38	2/2/23	0-20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	278
SW-39	2/2/23	0-18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
SW-40	2/2/23	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	96.8	70.1	167	612
SW-40A	2/9/23	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	3,240
SW-40B	2/14/23	0-5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	59.8
SW-41	2/2/23	4-25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	689
SW-41A	2/9/23	6-25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	240	90.5	331	<200
SW-41B	2/14/23	6-25	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200

Table 1
Summary of Soil Analytical Data
Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH				Chloride
								GRO (C6-C10)	DRO (C10-C28)	MRO (C28-C35)	Total GRO/DRO/MRO	
			Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC									
			10	---	---	---	50	---	---	---	100	600
SW-42	2/2/23	4-20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
SW-43	2/27/23	0-7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	26.0
SW-44	2/27/23	9-20	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	35.4
SW-45	2/27/23	5-18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	25.4

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

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table 1 Closure Criteria for the site.

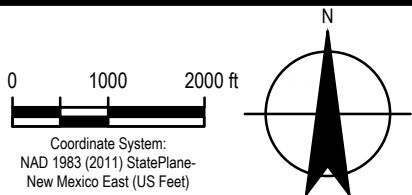
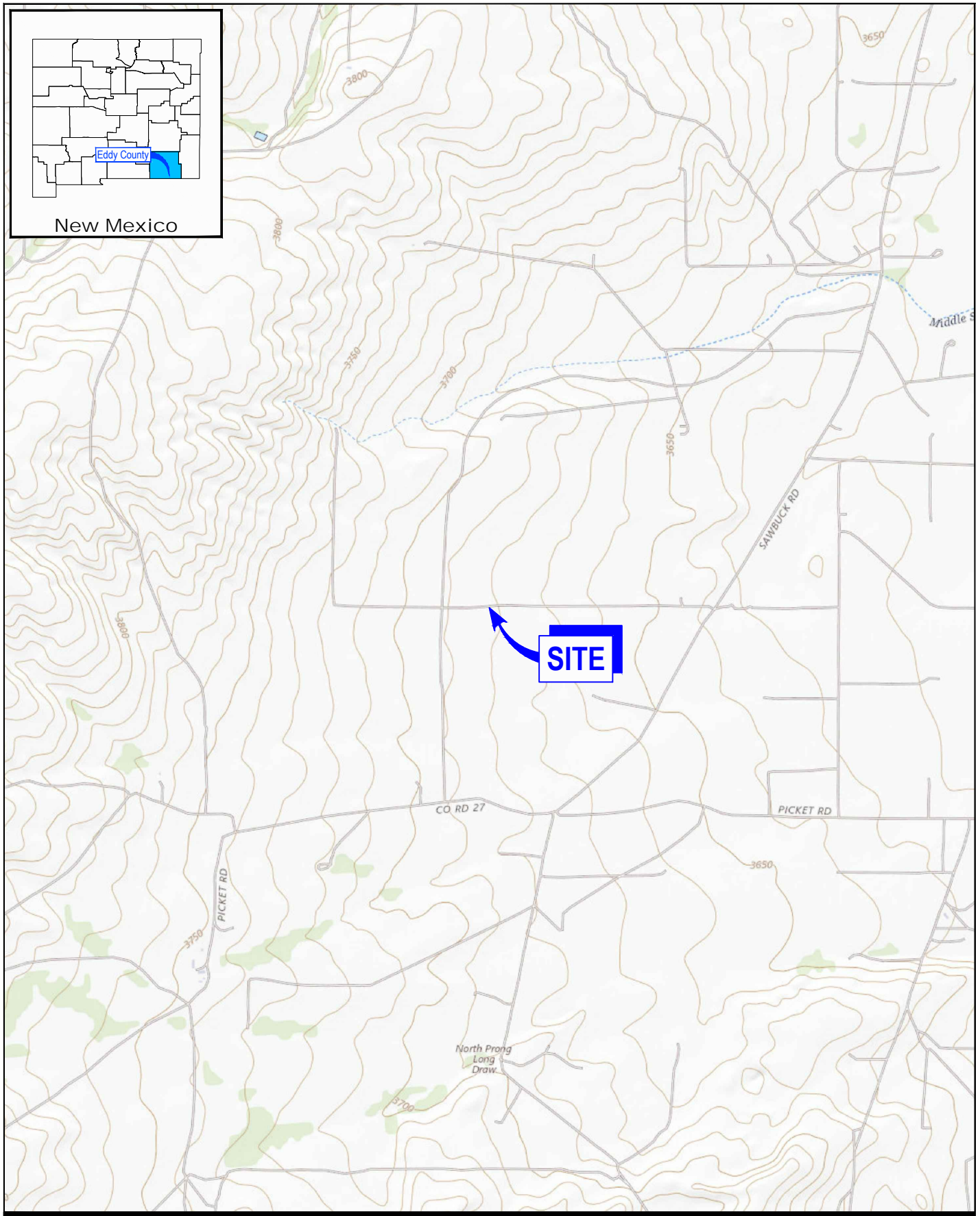
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table 1 Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. J - the target analytes was positively identified below the quantitation limit and above the detection limit.

Table 2
Daily Disposal Summary
Saguaro Water Transfer
EOG Resources
Eddy County, New Mexico

Date of Disposal	Total Pounds Disposed	Total Tons Disposed
9/26/2022	1,295,240	648
9/27/2022	1,202,520	601
9/30/2022	655,160	328
10/3/2022	878,720	439
10/4/2022	298,280	149
10/5/2022	482,260	241
10/6/2022	107,440	54
10/11/2022	265,780	133
10/21/2022	458,700	229
10/24/2022	407,780	204
10/25/2022	230,660	115
10/28/2022	394,840	197
10/31/2022	809,580	405
11/2/2022	210,760	105
11/3/2022	108,820	54
11/4/2022	378,300	189
11/7/2022	224,040	112
11/8/2022	211,560	106
11/11/2022	155,840	78
11/14/2022	203,140	102
11/15/2022	244,420	122
11/22/2022	239,280	120
11/29/2022	280,900	140
11/30/2022	313,760	157
12/1/2022	273,440	137
12/5/2022	347,980	174
12/6/2022	394,360	197
12/9/2022	432,360	216
12/12/2022	233,480	117
12/13/2022	371,220	186
12/20/2022	325,000	163
12/21/2022	390,920	195
1/6/2023	401,600	201
1/9/2023	351,500	176
1/10/2023	275,380	138
1/20/2023	244,740	122
1/23/2023	299,360	150
2/2/2023	141,100	71
2/8/2023	475,460	238
2/17/2023	385,200	193
Project Total	15,400,880	7,700

Figures



EOG RESOURCES
EDDY COUNTY, NEW MEXICO
SAGUARO WATER TRANSFER

Project No. 12585792
Date August 2022

SITE LOCATION MAP

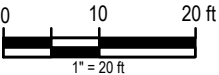
FIGURE 1



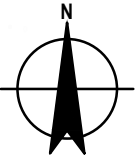
LEGEND

EXCAVATED AREA
3 ft bgs
DEPTH OF SAMPLE
BH-1 BOREHOLE

INDICATES SIDE WALL COMPOSITE SAMPLE
INDICATES SIDE WALL COMPOSITE SAMPLE
INDICATES SIDE WALL COMPOSITE SAMPLE



Coordinate System:
NAD 1983 NEW MEXICO STATE
PLANES, EAST ZONE, US FOOT



EOG RESOURCES
EDDY COUNTY, NEW MEXICO
SAGUARIO WATER TRANSFER

CONFIRMATION SAMPLING
LOCATIONS MAP

Project No. 12585792
Date Feb 27, 2023

FIGURE 2

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 10, 2022

NATE REECE

GHD SERVICES, INC.

6121 INDIAN SCHOOL RD, NE STE. 200

ALBUQUERQUE, NM 87110

RE: SAGUARO WATER TRANSFER PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/04/22 11:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 1 (H224610-01)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36	
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95	
Total BTEx	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	10/07/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	222	111	200	1.35	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 2 (H224610-02)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36	
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	10/07/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	222	111	200	1.35	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 3 (H224610-03)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36		
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95		
Total BTEx	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1620	16.0	10/07/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	222	111	200	1.35	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 4 (H224610-04)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36		
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95		
Total BTEX	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	10/07/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	222	111	200	1.35	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 5 (H224610-05)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36	
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95	
Total BTX	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	10/07/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	222	111	200	1.35	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 6 (H224610-06)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36		
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95		
Total BTEx	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	10/07/2022	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	222	111	200	1.35	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 7 (H224610-07)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36		
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95		
Total BTEx	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	10/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	222	111	200	1.35	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 8 (H224610-08)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36		
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95		
Total BTEX	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	10/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	222	111	200	1.35	
DRO >C10-C28*	16.3	10.0	10/07/2022	ND	224	112	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 9 (H224610-09)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36	
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95	
Total BTEx	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	10/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2022	ND	222	111	200	1.35	
DRO >C10-C28*	<10.0	10.0	10/07/2022	ND	224	112	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	10/07/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 10 (H224610-10)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36		
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95		
Total BTX	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1520	16.0	10/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.94	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 11 (H224610-11)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36		
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95		
Total BTEx	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2560	16.0	10/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.94	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 12 (H224610-12)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	1.98	99.2	2.00	1.36		
Toluene*	<0.050	0.050	10/08/2022	ND	1.98	99.1	2.00	2.00		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.91	95.7	2.00	1.50		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.86	97.6	6.00	1.95		
Total BTEx	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	10/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.94	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 116 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 13 (H224610-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	2.01	101	2.00	3.51		
Toluene*	<0.050	0.050	10/08/2022	ND	2.12	106	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.96	97.8	2.00	3.44		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.88	98.0	6.00	4.33		
Total BTEx	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1570	16.0	10/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.94	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 14 (H224610-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/08/2022	ND	2.01	101	2.00	3.51		
Toluene*	<0.050	0.050	10/08/2022	ND	2.12	106	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.96	97.8	2.00	3.44		
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.88	98.0	6.00	4.33		
Total BTEx	<0.300	0.300	10/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1010	16.0	10/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.94	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 15 (H224610-15)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.01	101	2.00	3.51	
Toluene*	<0.050	0.050	10/08/2022	ND	2.12	106	2.00	2.83	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.96	97.8	2.00	3.44	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.88	98.0	6.00	4.33	
Total BTX	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.94	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 16 (H224610-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.01	101	2.00	3.51	
Toluene*	<0.050	0.050	10/08/2022	ND	2.12	106	2.00	2.83	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.96	97.8	2.00	3.44	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.88	98.0	6.00	4.33	
Total BTX	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	10/07/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.94	
DRO >C10-C28*	24.6	10.0	10/06/2022	ND	224	112	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 17 (H224610-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.01	101	2.00	3.51	
Toluene*	<0.050	0.050	10/08/2022	ND	2.12	106	2.00	2.83	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.96	97.8	2.00	3.44	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.88	98.0	6.00	4.33	
Total BTEX	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.94	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	224	112	200	4.57	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

GHD SERVICES, INC.
 NATE REECE
 6121 INDIAN SCHOOL RD, NE STE. 200
 ALBUQUERQUE NM, 87110
 Fax To:

Received:	10/04/2022	Sampling Date:	10/03/2022
Reported:	10/10/2022	Sampling Type:	Soil
Project Name:	SAGUARO WATER TRANSFER PUMP	Sampling Condition:	Cool & Intact
Project Number:	12585792	Sample Received By:	Tamara Oldaker
Project Location:	EOG - ARTESIA		

Sample ID: BH 18 (H224610-18)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.01	101	2.00	3.51	
Toluene*	<0.050	0.050	10/08/2022	ND	2.12	106	2.00	2.83	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	1.96	97.8	2.00	3.44	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	5.88	98.0	6.00	4.33	
Total BTX	<0.300	0.300	10/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	10/07/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	218	109	200	3.94	
DRO >C10-C28*	49.2	10.0	10/06/2022	ND	224	112	200	4.57	
EXT DRO >C28-C36	26.6	10.0	10/06/2022	ND					

Surrogate: 1-Chlorooctane 76.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.3 % 46.3-178

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

Page 21 of 22



GHD

Page 22 of 22



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

October 31, 2022

JT Murrey
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Saguaro Water Transfer

OrderNo.: 2210843

Dear JT Murrey:

Hall Environmental Analysis Laboratory received 28 sample(s) on 10/18/2022 for the analyses presented in the following report.

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

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH33

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:00:00 AM

Lab ID: 2210843-001

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	10/24/2022 3:19:51 PM	71012
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/21/2022 8:28:28 PM	70965
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/21/2022 8:28:28 PM	70965
Surr: DNOP	93.5	21-129		%Rec	1	10/21/2022 8:28:28 PM	70965
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/22/2022 4:54:49 AM	70915
Surr: BFB	93.7	37.7-212		%Rec	1	10/22/2022 4:54:49 AM	70915
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/22/2022 4:54:49 AM	70915
Toluene	ND	0.049		mg/Kg	1	10/22/2022 4:54:49 AM	70915
Ethylbenzene	ND	0.049		mg/Kg	1	10/22/2022 4:54:49 AM	70915
Xylenes, Total	ND	0.098		mg/Kg	1	10/22/2022 4:54:49 AM	70915
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	10/22/2022 4:54:49 AM	70915

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH34

Project: Saguaro Water Transfer

Collection Date: 10/14/2022 11:05:00 AM

Lab ID: 2210843-002

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	160	60		mg/Kg	20	10/24/2022 3:32:16 PM	71012
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/21/2022 8:42:59 PM	70965
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/21/2022 8:42:59 PM	70965
Surr: DNOP	96.4	21-129		%Rec	1	10/21/2022 8:42:59 PM	70965
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/22/2022 5:18:15 AM	70915
Surr: BFB	93.4	37.7-212		%Rec	1	10/22/2022 5:18:15 AM	70915
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/22/2022 5:18:15 AM	70915
Toluene	ND	0.050		mg/Kg	1	10/22/2022 5:18:15 AM	70915
Ethylbenzene	ND	0.050		mg/Kg	1	10/22/2022 5:18:15 AM	70915
Xylenes, Total	ND	0.10		mg/Kg	1	10/22/2022 5:18:15 AM	70915
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	10/22/2022 5:18:15 AM	70915

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH35

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:10:00 AM

Lab ID: 2210843-003

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	980	60		mg/Kg	20	10/24/2022 3:44:40 PM	71012
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/21/2022 8:57:39 PM	70965
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/21/2022 8:57:39 PM	70965
Surr: DNOP	99.9	21-129		%Rec	1	10/21/2022 8:57:39 PM	70965
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/22/2022 5:41:58 AM	70915
Surr: BFB	89.5	37.7-212		%Rec	1	10/22/2022 5:41:58 AM	70915
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/22/2022 5:41:58 AM	70915
Toluene	ND	0.048		mg/Kg	1	10/22/2022 5:41:58 AM	70915
Ethylbenzene	ND	0.048		mg/Kg	1	10/22/2022 5:41:58 AM	70915
Xylenes, Total	ND	0.097		mg/Kg	1	10/22/2022 5:41:58 AM	70915
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	10/22/2022 5:41:58 AM	70915

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH36

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:15:00 AM

Lab ID: 2210843-004

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	530	60		mg/Kg	20	10/24/2022 3:57:05 PM	71012
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/21/2022 9:12:06 PM	70965
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/21/2022 9:12:06 PM	70965
Surr: DNOP	101	21-129		%Rec	1	10/21/2022 9:12:06 PM	70965
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/22/2022 6:05:38 AM	70915
Surr: BFB	89.9	37.7-212		%Rec	1	10/22/2022 6:05:38 AM	70915
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/22/2022 6:05:38 AM	70915
Toluene	ND	0.048		mg/Kg	1	10/22/2022 6:05:38 AM	70915
Ethylbenzene	ND	0.048		mg/Kg	1	10/22/2022 6:05:38 AM	70915
Xylenes, Total	ND	0.096		mg/Kg	1	10/22/2022 6:05:38 AM	70915
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	10/22/2022 6:05:38 AM	70915

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW1

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:20:00 AM

Lab ID: 2210843-005

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1700	60		mg/Kg	20	10/24/2022 4:09:29 PM	71012
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/21/2022 9:26:30 PM	70965
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/21/2022 9:26:30 PM	70965
Surr: DNOP	89.4	21-129		%Rec	1	10/21/2022 9:26:30 PM	70965
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/22/2022 7:16:12 AM	70915
Surr: BFB	94.3	37.7-212		%Rec	1	10/22/2022 7:16:12 AM	70915
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/22/2022 7:16:12 AM	70915
Toluene	ND	0.048		mg/Kg	1	10/22/2022 7:16:12 AM	70915
Ethylbenzene	ND	0.048		mg/Kg	1	10/22/2022 7:16:12 AM	70915
Xylenes, Total	ND	0.095		mg/Kg	1	10/22/2022 7:16:12 AM	70915
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	10/22/2022 7:16:12 AM	70915

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW2

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:25:00 AM

Lab ID: 2210843-006

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	3300	150		mg/Kg	50	10/25/2022 8:37:28 AM	71012
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/21/2022 12:44:53 PM	70970
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/21/2022 12:44:53 PM	70970
Surr: DNOP	101	21-129		%Rec	1	10/21/2022 12:44:53 PM	70970
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/22/2022 4:30:00 PM	70918
Surr: BFB	105	37.7-212		%Rec	1	10/22/2022 4:30:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/22/2022 4:30:00 PM	70918
Toluene	ND	0.048		mg/Kg	1	10/22/2022 4:30:00 PM	70918
Ethylbenzene	ND	0.048		mg/Kg	1	10/22/2022 4:30:00 PM	70918
Xylenes, Total	ND	0.096		mg/Kg	1	10/22/2022 4:30:00 PM	70918
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	10/22/2022 4:30:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW3

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:30:00 AM

Lab ID: 2210843-007

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1900	60		mg/Kg	20	10/24/2022 4:59:07 PM	71012
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/21/2022 1:08:32 PM	70970
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/21/2022 1:08:32 PM	70970
Surr: DNOP	61.6	21-129		%Rec	1	10/21/2022 1:08:32 PM	70970
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/22/2022 5:29:00 PM	70918
Surr: BFB	106	37.7-212		%Rec	1	10/22/2022 5:29:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/22/2022 5:29:00 PM	70918
Toluene	ND	0.049		mg/Kg	1	10/22/2022 5:29:00 PM	70918
Ethylbenzene	ND	0.049		mg/Kg	1	10/22/2022 5:29:00 PM	70918
Xylenes, Total	ND	0.098		mg/Kg	1	10/22/2022 5:29:00 PM	70918
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	10/22/2022 5:29:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW4

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:35:00 AM

Lab ID: 2210843-008

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	410	60		mg/Kg	20	10/24/2022 5:11:32 PM	71012
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	60	14		mg/Kg	1	10/25/2022 4:40:50 PM	71024
Motor Oil Range Organics (MRO)	77	47		mg/Kg	1	10/25/2022 4:40:50 PM	71024
Surr: DNOP	96.7	21-129		%Rec	1	10/25/2022 4:40:50 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/22/2022 6:28:00 PM	70918
Surr: BFB	100	37.7-212		%Rec	1	10/22/2022 6:28:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/22/2022 6:28:00 PM	70918
Toluene	ND	0.048		mg/Kg	1	10/22/2022 6:28:00 PM	70918
Ethylbenzene	ND	0.048		mg/Kg	1	10/22/2022 6:28:00 PM	70918
Xylenes, Total	ND	0.096		mg/Kg	1	10/22/2022 6:28:00 PM	70918
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	10/22/2022 6:28:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW5

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:40:00 AM

Lab ID: 2210843-009

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	670	60		mg/Kg	20	10/24/2022 5:23:56 PM	71012
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	37	14		mg/Kg	1	10/25/2022 5:09:26 PM	71024
Motor Oil Range Organics (MRO)	65	48		mg/Kg	1	10/25/2022 5:09:26 PM	71024
Surr: DNOP	90.0	21-129		%Rec	1	10/25/2022 5:09:26 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/22/2022 6:48:00 PM	70918
Surr: BFB	101	37.7-212		%Rec	1	10/22/2022 6:48:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/22/2022 6:48:00 PM	70918
Toluene	ND	0.048		mg/Kg	1	10/22/2022 6:48:00 PM	70918
Ethylbenzene	ND	0.048		mg/Kg	1	10/22/2022 6:48:00 PM	70918
Xylenes, Total	ND	0.096		mg/Kg	1	10/22/2022 6:48:00 PM	70918
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	10/22/2022 6:48:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW10

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:45:00 AM

Lab ID: 2210843-010

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	10/24/2022 5:36:21 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/21/2022 2:43:14 PM	70970
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/21/2022 2:43:14 PM	70970
Surr: DNOP	104	21-129		%Rec	1	10/21/2022 2:43:14 PM	70970
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/22/2022 7:08:00 PM	70918
Surr: BFB	95.6	37.7-212		%Rec	1	10/22/2022 7:08:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/22/2022 7:08:00 PM	70918
Toluene	ND	0.046		mg/Kg	1	10/22/2022 7:08:00 PM	70918
Ethylbenzene	ND	0.046		mg/Kg	1	10/22/2022 7:08:00 PM	70918
Xylenes, Total	ND	0.093		mg/Kg	1	10/22/2022 7:08:00 PM	70918
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	10/22/2022 7:08:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW11

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:50:00 AM

Lab ID: 2210843-011

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	380	60		mg/Kg	20	10/24/2022 6:13:36 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/21/2022 3:06:51 PM	70970
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/21/2022 3:06:51 PM	70970
Surr: DNOP	139	21-129	S	%Rec	1	10/21/2022 3:06:51 PM	70970
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/22/2022 7:27:00 PM	70918
Surr: BFB	98.9	37.7-212		%Rec	1	10/22/2022 7:27:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/22/2022 7:27:00 PM	70918
Toluene	ND	0.047		mg/Kg	1	10/22/2022 7:27:00 PM	70918
Ethylbenzene	ND	0.047		mg/Kg	1	10/22/2022 7:27:00 PM	70918
Xylenes, Total	ND	0.094		mg/Kg	1	10/22/2022 7:27:00 PM	70918
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	10/22/2022 7:27:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW12

Project: Saguario Water Transfer

Collection Date: 10/14/2022 11:55:00 AM

Lab ID: 2210843-012

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	510	60		mg/Kg	20	10/24/2022 7:15:40 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/25/2022 5:37:56 PM	71024
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/25/2022 5:37:56 PM	71024
Surr: DNOP	93.9	21-129		%Rec	1	10/25/2022 5:37:56 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/22/2022 7:47:00 PM	70918
Surr: BFB	102	37.7-212		%Rec	1	10/22/2022 7:47:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/22/2022 7:47:00 PM	70918
Toluene	ND	0.047		mg/Kg	1	10/22/2022 7:47:00 PM	70918
Ethylbenzene	ND	0.047		mg/Kg	1	10/22/2022 7:47:00 PM	70918
Xylenes, Total	ND	0.095		mg/Kg	1	10/22/2022 7:47:00 PM	70918
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	10/22/2022 7:47:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW13

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:00:00 PM

Lab ID: 2210843-013

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	460	60		mg/Kg	20	10/24/2022 7:28:05 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/21/2022 3:54:05 PM	70970
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/21/2022 3:54:05 PM	70970
Surr: DNOP	101	21-129		%Rec	1	10/21/2022 3:54:05 PM	70970
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/22/2022 8:07:00 PM	70918
Surr: BFB	101	37.7-212		%Rec	1	10/22/2022 8:07:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/22/2022 8:07:00 PM	70918
Toluene	ND	0.048		mg/Kg	1	10/22/2022 8:07:00 PM	70918
Ethylbenzene	ND	0.048		mg/Kg	1	10/22/2022 8:07:00 PM	70918
Xylenes, Total	ND	0.096		mg/Kg	1	10/22/2022 8:07:00 PM	70918
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	10/22/2022 8:07:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW14

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:05:00 PM

Lab ID: 2210843-014

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	10/24/2022 7:40:30 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/21/2022 4:17:44 PM	70970
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/21/2022 4:17:44 PM	70970
Surr: DNOP	155	21-129	S	%Rec	1	10/21/2022 4:17:44 PM	70970
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/22/2022 8:26:00 PM	70918
Surr: BFB	104	37.7-212		%Rec	1	10/22/2022 8:26:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/22/2022 8:26:00 PM	70918
Toluene	ND	0.047		mg/Kg	1	10/22/2022 8:26:00 PM	70918
Ethylbenzene	ND	0.047		mg/Kg	1	10/22/2022 8:26:00 PM	70918
Xylenes, Total	ND	0.094		mg/Kg	1	10/22/2022 8:26:00 PM	70918
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	10/22/2022 8:26:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH21

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:10:00 PM

Lab ID: 2210843-015

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2500	150		mg/Kg	50	10/25/2022 8:49:52 AM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	560	150		mg/Kg	10	10/25/2022 9:02:04 AM	71024
Motor Oil Range Organics (MRO)	510	500		mg/Kg	10	10/25/2022 9:02:04 AM	71024
Surr: DNOP	0	21-129	S	%Rec	10	10/25/2022 9:02:04 AM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/22/2022 8:46:00 PM	70918
Surr: BFB	115	37.7-212		%Rec	1	10/22/2022 8:46:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/22/2022 8:46:00 PM	70918
Toluene	ND	0.049		mg/Kg	1	10/22/2022 8:46:00 PM	70918
Ethylbenzene	ND	0.049		mg/Kg	1	10/22/2022 8:46:00 PM	70918
Xylenes, Total	ND	0.097		mg/Kg	1	10/22/2022 8:46:00 PM	70918
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	10/22/2022 8:46:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH22

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:15:00 PM

Lab ID: 2210843-016

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1400	60		mg/Kg	20	10/24/2022 8:05:19 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	440	25		mg/Kg	2	10/25/2022 5:52:12 PM	71024
Motor Oil Range Organics (MRO)	240	84		mg/Kg	2	10/25/2022 5:52:12 PM	71024
Surr: DNOP	87.4	21-129		%Rec	2	10/25/2022 5:52:12 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/22/2022 9:26:00 PM	70918
Surr: BFB	164	37.7-212		%Rec	1	10/22/2022 9:26:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/22/2022 9:26:00 PM	70918
Toluene	ND	0.050		mg/Kg	1	10/22/2022 9:26:00 PM	70918
Ethylbenzene	ND	0.050		mg/Kg	1	10/22/2022 9:26:00 PM	70918
Xylenes, Total	ND	0.099		mg/Kg	1	10/22/2022 9:26:00 PM	70918
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	10/22/2022 9:26:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH23

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:20:00 PM

Lab ID: 2210843-017

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1800	60		mg/Kg	20	10/24/2022 8:17:43 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	990	140		mg/Kg	10	10/25/2022 9:25:50 AM	71024
Motor Oil Range Organics (MRO)	520	480		mg/Kg	10	10/25/2022 9:25:50 AM	71024
Surr: DNOP	0	21-129	S	%Rec	10	10/25/2022 9:25:50 AM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/22/2022 9:45:00 PM	70918
Surr: BFB	129	37.7-212		%Rec	1	10/22/2022 9:45:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/22/2022 9:45:00 PM	70918
Toluene	ND	0.047		mg/Kg	1	10/22/2022 9:45:00 PM	70918
Ethylbenzene	ND	0.047		mg/Kg	1	10/22/2022 9:45:00 PM	70918
Xylenes, Total	ND	0.093		mg/Kg	1	10/22/2022 9:45:00 PM	70918
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	10/22/2022 9:45:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH24

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:25:00 PM

Lab ID: 2210843-018

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1300	60		mg/Kg	20	10/24/2022 8:30:08 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	800	62		mg/Kg	5	10/25/2022 2:12:43 PM	71024
Motor Oil Range Organics (MRO)	380	210		mg/Kg	5	10/25/2022 2:12:43 PM	71024
Surr: DNOP	106	21-129		%Rec	5	10/25/2022 2:12:43 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	67	4.7		mg/Kg	1	10/22/2022 10:05:00 PM	70918
Surr: BFB	257	37.7-212	S	%Rec	1	10/22/2022 10:05:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/22/2022 10:05:00 PM	70918
Toluene	ND	0.047		mg/Kg	1	10/22/2022 10:05:00 PM	70918
Ethylbenzene	0.056	0.047		mg/Kg	1	10/22/2022 10:05:00 PM	70918
Xylenes, Total	0.30	0.094		mg/Kg	1	10/22/2022 10:05:00 PM	70918
Surr: 4-Bromofluorobenzene	125	70-130		%Rec	1	10/22/2022 10:05:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH25

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:30:00 PM

Lab ID: 2210843-019

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	660	60		mg/Kg	20	10/24/2022 8:42:33 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	1300	130		mg/Kg	10	10/25/2022 12:12:33 PM	71024
Motor Oil Range Organics (MRO)	600	440		mg/Kg	10	10/25/2022 12:12:33 PM	71024
Surr: DNOP	0	21-129	S	%Rec	10	10/25/2022 12:12:33 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	26	4.8		mg/Kg	1	10/22/2022 10:24:00 PM	70918
Surr: BFB	197	37.7-212		%Rec	1	10/22/2022 10:24:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/22/2022 10:24:00 PM	70918
Toluene	ND	0.048		mg/Kg	1	10/22/2022 10:24:00 PM	70918
Ethylbenzene	ND	0.048		mg/Kg	1	10/22/2022 10:24:00 PM	70918
Xylenes, Total	ND	0.097		mg/Kg	1	10/22/2022 10:24:00 PM	70918
Surr: 4-Bromofluorobenzene	153	70-130	S	%Rec	1	10/22/2022 10:24:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH28

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:35:00 PM

Lab ID: 2210843-020

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	3700	150		mg/Kg	50	10/25/2022 9:02:17 AM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	750	140		mg/Kg	10	10/25/2022 12:36:23 PM	71024
Motor Oil Range Organics (MRO)	820	480		mg/Kg	10	10/25/2022 12:36:23 PM	71024
Surr: DNOP	0	21-129	S	%Rec	10	10/25/2022 12:36:23 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/22/2022 10:44:00 PM	70918
Surr: BFB	116	37.7-212		%Rec	1	10/22/2022 10:44:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/22/2022 10:44:00 PM	70918
Toluene	ND	0.050		mg/Kg	1	10/22/2022 10:44:00 PM	70918
Ethylbenzene	ND	0.050		mg/Kg	1	10/22/2022 10:44:00 PM	70918
Xylenes, Total	ND	0.10		mg/Kg	1	10/22/2022 10:44:00 PM	70918
Surr: 4-Bromofluorobenzene	99.9	70-130		%Rec	1	10/22/2022 10:44:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH29

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:40:00 PM

Lab ID: 2210843-021

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	840	60		mg/Kg	20	10/24/2022 9:07:23 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	310	56		mg/Kg	5	10/25/2022 6:20:44 PM	71024
Motor Oil Range Organics (MRO)	ND	190		mg/Kg	5	10/25/2022 6:20:44 PM	71024
Surr: DNOP	106	21-129		%Rec	5	10/25/2022 6:20:44 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	64	25		mg/Kg	5	10/22/2022 11:04:00 PM	70918
Surr: BFB	249	37.7-212	S	%Rec	5	10/22/2022 11:04:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.12		mg/Kg	5	10/22/2022 11:04:00 PM	70918
Toluene	ND	0.25		mg/Kg	5	10/22/2022 11:04:00 PM	70918
Ethylbenzene	ND	0.25		mg/Kg	5	10/22/2022 11:04:00 PM	70918
Xylenes, Total	ND	0.50		mg/Kg	5	10/22/2022 11:04:00 PM	70918
Surr: 4-Bromofluorobenzene	129	70-130		%Rec	5	10/22/2022 11:04:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH30

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:45:00 PM

Lab ID: 2210843-022

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	990	60		mg/Kg	20	10/24/2022 9:44:37 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	1100	140		mg/Kg	10	10/25/2022 1:00:15 PM	71024
Motor Oil Range Organics (MRO)	600	470		mg/Kg	10	10/25/2022 1:00:15 PM	71024
Surr: DNOP	0	21-129	S	%Rec	10	10/25/2022 1:00:15 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	6.2	4.8		mg/Kg	1	10/22/2022 11:24:00 PM	70918
Surr: BFB	195	37.7-212		%Rec	1	10/22/2022 11:24:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/22/2022 11:24:00 PM	70918
Toluene	ND	0.048		mg/Kg	1	10/22/2022 11:24:00 PM	70918
Ethylbenzene	ND	0.048		mg/Kg	1	10/22/2022 11:24:00 PM	70918
Xylenes, Total	ND	0.096		mg/Kg	1	10/22/2022 11:24:00 PM	70918
Surr: 4-Bromofluorobenzene	119	70-130		%Rec	1	10/22/2022 11:24:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH31

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:50:00 PM

Lab ID: 2210843-023

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1100	60		mg/Kg	20	10/24/2022 9:57:01 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	100	15		mg/Kg	1	10/25/2022 2:36:41 PM	71024
Motor Oil Range Organics (MRO)	71	48		mg/Kg	1	10/25/2022 2:36:41 PM	71024
Surr: DNOP	102	21-129		%Rec	1	10/25/2022 2:36:41 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/22/2022 11:43:00 PM	70918
Surr: BFB	127	37.7-212		%Rec	1	10/22/2022 11:43:00 PM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/22/2022 11:43:00 PM	70918
Toluene	ND	0.049		mg/Kg	1	10/22/2022 11:43:00 PM	70918
Ethylbenzene	ND	0.049		mg/Kg	1	10/22/2022 11:43:00 PM	70918
Xylenes, Total	ND	0.098		mg/Kg	1	10/22/2022 11:43:00 PM	70918
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	10/22/2022 11:43:00 PM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH32

Project: Saguario Water Transfer

Collection Date: 10/14/2022 12:55:00 PM

Lab ID: 2210843-024

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	580	60		mg/Kg	20	10/24/2022 10:09:26 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	520	14		mg/Kg	1	10/25/2022 6:35:04 PM	71024
Motor Oil Range Organics (MRO)	350	47		mg/Kg	1	10/25/2022 6:35:04 PM	71024
Surr: DNOP	103	21-129		%Rec	1	10/25/2022 6:35:04 PM	71024
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/23/2022 12:03:00 AM	70918
Surr: BFB	129	37.7-212		%Rec	1	10/23/2022 12:03:00 AM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/23/2022 12:03:00 AM	70918
Toluene	ND	0.049		mg/Kg	1	10/23/2022 12:03:00 AM	70918
Ethylbenzene	ND	0.049		mg/Kg	1	10/23/2022 12:03:00 AM	70918
Xylenes, Total	ND	0.098		mg/Kg	1	10/23/2022 12:03:00 AM	70918
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	10/23/2022 12:03:00 AM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW8

Project: Saguario Water Transfer

Collection Date: 10/14/2022 1:00:00 PM

Lab ID: 2210843-025

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1200	60		mg/Kg	20	10/24/2022 10:21:51 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	1400	140		mg/Kg	10	10/24/2022 11:53:31 PM	70991
Motor Oil Range Organics (MRO)	1100	460		mg/Kg	10	10/24/2022 11:53:31 PM	70991
Surr: DNOP	0	21-129	S	%Rec	10	10/24/2022 11:53:31 PM	70991
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/23/2022 12:23:00 AM	70918
Surr: BFB	124	37.7-212		%Rec	1	10/23/2022 12:23:00 AM	70918
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/23/2022 12:23:00 AM	70918
Toluene	ND	0.047		mg/Kg	1	10/23/2022 12:23:00 AM	70918
Ethylbenzene	ND	0.047		mg/Kg	1	10/23/2022 12:23:00 AM	70918
Xylenes, Total	ND	0.094		mg/Kg	1	10/23/2022 12:23:00 AM	70918
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	10/23/2022 12:23:00 AM	70918

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW9

Project: Saguaro Water Transfer

Collection Date: 10/14/2022 1:05:00 PM

Lab ID: 2210843-026

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2500	150		mg/Kg	50	10/25/2022 9:14:41 AM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	79	14		mg/Kg	1	10/24/2022 5:08:34 PM	70967
Motor Oil Range Organics (MRO)	56	48		mg/Kg	1	10/24/2022 5:08:34 PM	70967
Surr: DNOP	99.0	21-129		%Rec	1	10/24/2022 5:08:34 PM	70967
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/23/2022 2:21:00 AM	70927
Surr: BFB	115	37.7-212		%Rec	1	10/23/2022 2:21:00 AM	70927
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/23/2022 2:21:00 AM	70927
Toluene	ND	0.048		mg/Kg	1	10/23/2022 2:21:00 AM	70927
Ethylbenzene	ND	0.048		mg/Kg	1	10/23/2022 2:21:00 AM	70927
Xylenes, Total	ND	0.097		mg/Kg	1	10/23/2022 2:21:00 AM	70927
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	10/23/2022 2:21:00 AM	70927

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW17

Project: Saguario Water Transfer

Collection Date: 10/14/2022 1:10:00 PM

Lab ID: 2210843-027

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	990	59		mg/Kg	20	10/24/2022 10:46:41 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	530	130		mg/Kg	10	10/24/2022 10:28:59 AM	70967
Motor Oil Range Organics (MRO)	530	450		mg/Kg	10	10/24/2022 10:28:59 AM	70967
Surr: DNOP	0	21-129	S	%Rec	10	10/24/2022 10:28:59 AM	70967
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	13	4.8		mg/Kg	1	10/23/2022 3:20:00 AM	70927
Surr: BFB	183	37.7-212		%Rec	1	10/23/2022 3:20:00 AM	70927
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/23/2022 3:20:00 AM	70927
Toluene	ND	0.048		mg/Kg	1	10/23/2022 3:20:00 AM	70927
Ethylbenzene	ND	0.048		mg/Kg	1	10/23/2022 3:20:00 AM	70927
Xylenes, Total	ND	0.096		mg/Kg	1	10/23/2022 3:20:00 AM	70927
Surr: 4-Bromofluorobenzene	139	70-130	S	%Rec	1	10/23/2022 3:20:00 AM	70927

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210843

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW18

Project: Saguario Water Transfer

Collection Date: 10/14/2022 1:15:00 PM

Lab ID: 2210843-028

Matrix: SOIL

Received Date: 10/18/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	590	60		mg/Kg	20	10/24/2022 10:59:05 PM	71019
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	100	14		mg/Kg	1	10/24/2022 5:48:56 PM	70967
Motor Oil Range Organics (MRO)	120	47		mg/Kg	1	10/24/2022 5:48:56 PM	70967
Surr: DNOP	101	21-129		%Rec	1	10/24/2022 5:48:56 PM	70967
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/23/2022 4:19:00 AM	70927
Surr: BFB	97.1	37.7-212		%Rec	1	10/23/2022 4:19:00 AM	70927
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/23/2022 4:19:00 AM	70927
Toluene	ND	0.046		mg/Kg	1	10/23/2022 4:19:00 AM	70927
Ethylbenzene	ND	0.046		mg/Kg	1	10/23/2022 4:19:00 AM	70927
Xylenes, Total	ND	0.093		mg/Kg	1	10/23/2022 4:19:00 AM	70927
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	10/23/2022 4:19:00 AM	70927

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210843

31-Oct-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: MB-71012	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 71012	RunNo: 92048								
Prep Date: 10/24/2022	Analysis Date: 10/24/2022	SeqNo: 3303172 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-71012	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 71012	RunNo: 92048								
Prep Date: 10/24/2022	Analysis Date: 10/24/2022	SeqNo: 3303173 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.5	90	110			

Sample ID: MB-71019	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 71019	RunNo: 92048								
Prep Date: 10/24/2022	Analysis Date: 10/24/2022	SeqNo: 3303174 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-71019	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 71019	RunNo: 92048								
Prep Date: 10/24/2022	Analysis Date: 10/24/2022	SeqNo: 3303175 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.2	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 Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210843

31-Oct-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: MB-70970	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 70970		RunNo: 91983							
Prep Date: 10/20/2022	Analysis Date: 10/21/2022		SeqNo: 3300279		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	14		10.00		136	21	129			S

Sample ID: LCS-70970	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 70970		RunNo: 91983							
Prep Date: 10/20/2022	Analysis Date: 10/21/2022		SeqNo: 3300285		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	63	15	50.00	0	127	64.4	127			
Surr: DNOP	6.6		5.000		131	21	129			S

Sample ID: MB-70965	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 70965		RunNo: 91984							
Prep Date: 10/20/2022	Analysis Date: 10/21/2022		SeqNo: 3301050		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.9		10.00		99.5	21	129			

Sample ID: LCS-70965	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 70965		RunNo: 91984							
Prep Date: 10/20/2022	Analysis Date: 10/21/2022		SeqNo: 3301051		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	15	50.00	0	98.0	64.4	127			
Surr: DNOP	4.7		5.000		93.1	21	129			

Sample ID: MB-70991	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 70991		RunNo: 92014							
Prep Date: 10/21/2022	Analysis Date: 10/24/2022		SeqNo: 3302745		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		102	21	129			

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210843

31-Oct-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: LCS-70991	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 70991		RunNo: 92014							
Prep Date: 10/21/2022	Analysis Date: 10/24/2022		SeqNo: 3302746		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	15	50.00	0	88.6	64.4	127			
Surr: DNOP	4.1		5.000		82.1	21	129			

Sample ID: MB-70967	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 70967		RunNo: 92021							
Prep Date: 10/20/2022	Analysis Date: 10/24/2022		SeqNo: 3303279		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.9		10.00		89.1	21	129			

Sample ID: LCS-70967	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 70967		RunNo: 92021							
Prep Date: 10/20/2022	Analysis Date: 10/24/2022		SeqNo: 3303280		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	15	50.00	0	98.1	64.4	127			
Surr: DNOP	4.6		5.000		92.8	21	129			

Sample ID: 2210843-026AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: SW9	Batch ID: 70967		RunNo: 92021							
Prep Date: 10/20/2022	Analysis Date: 10/24/2022		SeqNo: 3303282		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	180	14	47.44	79.08	212	36.1	154			S
Surr: DNOP	4.6		4.744		96.4	21	129			

Sample ID: 2210843-026AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: SW9	Batch ID: 70967		RunNo: 92021							
Prep Date: 10/20/2022	Analysis Date: 10/24/2022		SeqNo: 3303283		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	140	14	47.98	79.08	117	36.1	154	28.1	33.9	
Surr: DNOP	4.3		4.798		89.9	21	129	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210843

31-Oct-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: MB-71024	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 71024		RunNo: 92056							
Prep Date: 10/24/2022	Analysis Date: 10/25/2022		SeqNo: 3307125		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.2		10.00		82.1	21	129			

Sample ID: LCS-71024	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 71024		RunNo: 92056							
Prep Date: 10/24/2022	Analysis Date: 10/25/2022		SeqNo: 3307126		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	15	50.00	0	105	64.4	127			
Surr: DNOP	3.9		5.000		77.5	21	129			

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210843

31-Oct-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: mb-70915	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 70915			RunNo: 91963						
Prep Date: 10/19/2022	Analysis Date: 10/20/2022			SeqNo: 3298961		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	910		1000		91.1	37.7	212			

Sample ID: lcs-70915	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 70915			RunNo: 91963						
Prep Date: 10/19/2022	Analysis Date: 10/20/2022			SeqNo: 3298962		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	25.00	0	108	72.3	137			
Surr: BFB	2000		1000		196	37.7	212			

Sample ID: mb-70932	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 70932			RunNo: 92004						
Prep Date: 10/19/2022	Analysis Date: 10/22/2022			SeqNo: 3300881		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	900		1000		89.6	37.7	212			

Sample ID: lcs-70932	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 70932			RunNo: 92004						
Prep Date: 10/19/2022	Analysis Date: 10/22/2022			SeqNo: 3300882		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2000		1000		196	37.7	212			

Sample ID: lcs-70918	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 70918			RunNo: 92005						
Prep Date: 10/19/2022	Analysis Date: 10/22/2022			SeqNo: 3301083		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	72.3	137			
Surr: BFB	2300		1000		226	37.7	212			S

Sample ID: mb-70918	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 70918			RunNo: 92005						
Prep Date: 10/19/2022	Analysis Date: 10/22/2022			SeqNo: 3301084		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		103	37.7	212			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210843

31-Oct-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: 2210843-006ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: SW2	Batch ID: 70918		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/22/2022		SeqNo: 3301086		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.8	24.06	0	102	70	130			
Surr: BFB	2100		962.5		216	37.7	212			S

Sample ID: 2210843-006amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: SW2	Batch ID: 70918		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/22/2022		SeqNo: 3301087		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	24.08	0	97.6	70	130	4.19	20	
Surr: BFB	2100		963.4		221	37.7	212	0	0	S

Sample ID: lcs-70927	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 70927		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/23/2022		SeqNo: 3301107		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.3	72.3	137			
Surr: BFB	2200		1000		216	37.7	212			S

Sample ID: mb-70927	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 70927		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/23/2022		SeqNo: 3301108		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	990		1000		98.6	37.7	212			

Sample ID: 2210843-026ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: SW9	Batch ID: 70927		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/23/2022		SeqNo: 3301110		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.8	24.20	0	92.6	70	130			
Surr: BFB	2100		968.1		221	37.7	212			S

Sample ID: 2210843-026amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: SW9	Batch ID: 70927		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/23/2022		SeqNo: 3301111		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2210843
31-Oct-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: 2210843-026amsd		SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range					
Client ID: SW9		Batch ID: 70927			RunNo: 92005					
Prep Date: 10/19/2022		Analysis Date: 10/23/2022			SeqNo: 3301111		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.8	24.22	0	109	70	130	16.1	20	
Surr: BFB	2400		969.0		250	37.7	212	0	0	S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quantitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210843

31-Oct-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: mb-70915	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 70915			RunNo: 91963						
Prep Date: 10/19/2022	Analysis Date: 10/20/2022			SeqNo: 3299008			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		97.9	70	130			

Sample ID: LCS-70915	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 70915			RunNo: 91963						
Prep Date: 10/19/2022	Analysis Date: 10/20/2022			SeqNo: 3299009			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	80	120			
Toluene	1.0	0.050	1.000	0	104	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

Sample ID: mb-70932	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 70932			RunNo: 92004						
Prep Date: 10/19/2022	Analysis Date: 10/22/2022			SeqNo: 3300943			Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.96		1.000		95.5	70	130			

Sample ID: LCS-70932	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 70932			RunNo: 92004						
Prep Date: 10/19/2022	Analysis Date: 10/22/2022			SeqNo: 3300944			Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.96		1.000		96.5	70	130			

Sample ID: lcs-70918	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 70918			RunNo: 92005						
Prep Date: 10/19/2022	Analysis Date: 10/22/2022			SeqNo: 3301131			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	103	80	120			
Xylenes, Total	3.1	0.10	3.000	0	102	80	120			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.	

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210843

31-Oct-22

Client: GHD Midland**Project:** Saguaro Water Transfer

Sample ID: ics-70918	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 70918		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/22/2022		SeqNo: 3301131		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

Sample ID: mb-70918	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 70918		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/22/2022		SeqNo: 3301132		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		104	70	130			

Sample ID: 2210843-007ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: SW3	Batch ID: 70918		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/22/2022		SeqNo: 3301135		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9775	0	102	68.8	120			
Toluene	1.0	0.049	0.9775	0	103	73.6	124			
Ethylbenzene	1.0	0.049	0.9775	0	104	72.7	129			
Xylenes, Total	3.0	0.098	2.933	0	103	75.7	126			
Surr: 4-Bromofluorobenzene	0.99		0.9775		101	70	130			

Sample ID: 2210843-007amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: SW3	Batch ID: 70918		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/22/2022		SeqNo: 3301136		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9785	0	103	68.8	120	1.37	20	
Toluene	1.0	0.049	0.9785	0	104	73.6	124	0.989	20	
Ethylbenzene	1.0	0.049	0.9785	0	104	72.7	129	0.412	20	
Xylenes, Total	3.0	0.098	2.935	0	104	75.7	126	1.00	20	
Surr: 4-Bromofluorobenzene	1.0		0.9785		102	70	130	0	0	

Sample ID: ics-70927	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 70927		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/23/2022		SeqNo: 3301155		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 Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210843

31-Oct-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: ics-70927	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 70927		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/23/2022		SeqNo: 3301155		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	70	130			

Sample ID: mb-70927	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 70927		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/23/2022		SeqNo: 3301156		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		101	70	130			

Sample ID: 2210843-027ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: SW17	Batch ID: 70927		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/23/2022		SeqNo: 3301159		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.024	0.9542	0	94.9	68.8	120			
Toluene	0.90	0.048	0.9542	0	94.5	73.6	124			
Ethylbenzene	0.91	0.048	0.9542	0	95.1	72.7	129			
Xylenes, Total	2.7	0.095	2.863	0.06545	93.5	75.7	126			
Surr: 4-Bromofluorobenzene	1.3		0.9542		141	70	130			S

Sample ID: 2210843-027amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: SW17	Batch ID: 70927		RunNo: 92005							
Prep Date: 10/19/2022	Analysis Date: 10/23/2022		SeqNo: 3301160		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.024	0.9560	0	92.1	68.8	120	2.78	20	
Toluene	0.85	0.048	0.9560	0	89.4	73.6	124	5.32	20	
Ethylbenzene	0.88	0.048	0.9560	0	92.4	72.7	129	2.73	20	
Xylenes, Total	2.6	0.096	2.868	0.06545	88.9	75.7	126	4.75	20	
Surr: 4-Bromofluorobenzene	1.1		0.9560		113	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Hall Environmental Analysis Laboratory
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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: 2210843

RcptNo: 1

Received By: Juan Rojas

10/18/2022 7:30:00 AM

Juan Rojas

Completed By: Sean Livingston

10/18/2022 9:20:06 AM

Sean Livingston

Reviewed By:

ju 10/18/22

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

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

Adjusted? _____

Checked by: *KPG 10.18.22*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____


16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.7	Good				

Chain-of-Custody Record				Turn-Around Time:			
Client: <u>GHD</u>				<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush <u>5 Day</u>			
Mailing Address: <u>324 W Main St.</u>				Project Name: <u>Saguaro Water Transfer</u>			
City/State, ZIP: <u>Tucson, NM 88210</u>				Project #: <u>12885742</u>			
Phone #: <u>(505) 397-4218</u>				Project Manager: <u>Nate Rocco</u>			
Email or Fax#: <u>nate.rocco@ghd.com</u>				ST Murray			
AQC Package: <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)				Sampler: <u>Liam Giersdorf</u>			
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other				On Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> EDD (Type)				# of Coolers: <u>1</u>			
				Cooler Temp (including CF): <u>Cooler 1 = 6.7 (°C)</u>			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	
10/14	1100	Soil	BH33	Jar	Ice	2210843	
	1105		BH34			001	
	1110		BH35			002	
	1115		BH36			003	
	1120		SW1			004	
	1125		SW2			005	
	1130		SW3			006	
	1135		SW4			007	
	1140		SW5			008	
	1145		SW10			009	
	1150		SW11			010	
	1155		SW12			011	
						012	
Date:	Time:	Relinquished by:		Received by:		Date:	Time:
10/17	0800	Liam Giersdorf		Murray		10/17/22	1000
Date:	Time:	Relinquished by:		Received by:		Date:	Time:
10/17/22	1900	Murray		Giersdorf		10/18/22	7:30

Turn-Around Time:		<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush 5 Day	
Project Name:		Seymour Water Transfer	
Project #:		12585792	
Project Manager:		Nate Rocco JT Murray	
Sampler:		Liam Giersdorf	
On Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
# of Coolers:		1	
Cooler Temp (including CF):		1.66°C = 67 (°C)	
Container Type and #	Preservative Type	HEAL No.	
5ar	ice	2210843	001
			002
			003
			004
			005
			006
			007
			008
			009
			010
			011
			012
Received by:		Via:	Date Time
Murray			01/17/22 1000
Received by:		Via:	Date Time
[Signature]			January 10/18/22 7:30



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

[illegible]

Remarks: Please email chase_settle@oxyresources.
jt.murray@ghd.com; amber_guth@oxyresources.co
iam.giersch@ghd.com; mthw.laughlin@ghd.com;
along w/ Nate Reese. Bill to Chase Settle, EOG



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

November 02, 2022

JT Murrey
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Saguaro Water Transfer

OrderNo.: 2210C01

Dear JT Murrey:

Hall Environmental Analysis Laboratory received 23 sample(s) on 10/25/2022 for the analyses presented in the following report.

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

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH1A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 10:30:00 AM

Lab ID: 2210C01-001

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	240	60		mg/Kg	20	10/31/2022 1:06:19 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/27/2022 12:11:54 PM	71088
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/27/2022 12:11:54 PM	71088
Surr: DNOP	92.0	21-129		%Rec	1	10/27/2022 12:11:54 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/27/2022 9:22:00 PM	71058
Surr: BFB	106	37.7-212		%Rec	1	10/27/2022 9:22:00 PM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/27/2022 9:22:00 PM	71058
Toluene	ND	0.047		mg/Kg	1	10/27/2022 9:22:00 PM	71058
Ethylbenzene	ND	0.047		mg/Kg	1	10/27/2022 9:22:00 PM	71058
Xylenes, Total	ND	0.093		mg/Kg	1	10/27/2022 9:22:00 PM	71058
Surr: 4-Bromofluorobenzene	119	70-130		%Rec	1	10/27/2022 9:22:00 PM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH2A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 10:35:00 AM

Lab ID: 2210C01-002

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	140	60		mg/Kg	20	10/31/2022 1:18:44 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/28/2022 2:46:15 PM	71088
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/28/2022 2:46:15 PM	71088
Surr: DNOP	109	21-129		%Rec	1	10/28/2022 2:46:15 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/27/2022 10:21:00 PM	71058
Surr: BFB	104	37.7-212		%Rec	1	10/27/2022 10:21:00 PM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/27/2022 10:21:00 PM	71058
Toluene	ND	0.049		mg/Kg	1	10/27/2022 10:21:00 PM	71058
Ethylbenzene	ND	0.049		mg/Kg	1	10/27/2022 10:21:00 PM	71058
Xylenes, Total	ND	0.097		mg/Kg	1	10/27/2022 10:21:00 PM	71058
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	1	10/27/2022 10:21:00 PM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH3A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 10:40:00 AM

Lab ID: 2210C01-003

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	140	60		mg/Kg	20	10/31/2022 1:55:57 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/27/2022 1:05:18 PM	71088
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/27/2022 1:05:18 PM	71088
Surr: DNOP	113	21-129		%Rec	1	10/27/2022 1:05:18 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/27/2022 11:20:00 PM	71058
Surr: BFB	103	37.7-212		%Rec	1	10/27/2022 11:20:00 PM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/27/2022 11:20:00 PM	71058
Toluene	ND	0.046		mg/Kg	1	10/27/2022 11:20:00 PM	71058
Ethylbenzene	ND	0.046		mg/Kg	1	10/27/2022 11:20:00 PM	71058
Xylenes, Total	ND	0.093		mg/Kg	1	10/27/2022 11:20:00 PM	71058
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	1	10/27/2022 11:20:00 PM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH4A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 10:45:00 AM

Lab ID: 2210C01-004

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	440	60		mg/Kg	20	10/31/2022 2:08:22 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/27/2022 1:18:24 PM	71088
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/27/2022 1:18:24 PM	71088
Surr: DNOP	102	21-129		%Rec	1	10/27/2022 1:18:24 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/27/2022 11:40:00 PM	71058
Surr: BFB	104	37.7-212		%Rec	1	10/27/2022 11:40:00 PM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/27/2022 11:40:00 PM	71058
Toluene	ND	0.047		mg/Kg	1	10/27/2022 11:40:00 PM	71058
Ethylbenzene	ND	0.047		mg/Kg	1	10/27/2022 11:40:00 PM	71058
Xylenes, Total	ND	0.094		mg/Kg	1	10/27/2022 11:40:00 PM	71058
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	10/27/2022 11:40:00 PM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH5A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 10:50:00 AM

Lab ID: 2210C01-005

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	270	60		mg/Kg	20	10/31/2022 2:20:47 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/27/2022 1:31:41 PM	71088
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/27/2022 1:31:41 PM	71088
Surr: DNOP	101	21-129		%Rec	1	10/27/2022 1:31:41 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/27/2022 11:59:00 PM	71058
Surr: BFB	103	37.7-212		%Rec	1	10/27/2022 11:59:00 PM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/27/2022 11:59:00 PM	71058
Toluene	ND	0.047		mg/Kg	1	10/27/2022 11:59:00 PM	71058
Ethylbenzene	ND	0.047		mg/Kg	1	10/27/2022 11:59:00 PM	71058
Xylenes, Total	ND	0.094		mg/Kg	1	10/27/2022 11:59:00 PM	71058
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	10/27/2022 11:59:00 PM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH6A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 10:55:00 AM

Lab ID: 2210C01-006

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	320	60		mg/Kg	20	10/31/2022 2:33:12 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/27/2022 1:44:50 PM	71088
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/27/2022 1:44:50 PM	71088
Surr: DNOP	94.4	21-129		%Rec	1	10/27/2022 1:44:50 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/28/2022 12:19:00 AM	71058
Surr: BFB	100	37.7-212		%Rec	1	10/28/2022 12:19:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/28/2022 12:19:00 AM	71058
Toluene	ND	0.047		mg/Kg	1	10/28/2022 12:19:00 AM	71058
Ethylbenzene	ND	0.047		mg/Kg	1	10/28/2022 12:19:00 AM	71058
Xylenes, Total	ND	0.093		mg/Kg	1	10/28/2022 12:19:00 AM	71058
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	10/28/2022 12:19:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH9A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 11:00:00 AM

Lab ID: 2210C01-007

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	1400	60		mg/Kg	20	10/31/2022 2:45:36 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	52	14		mg/Kg	1	10/27/2022 2:11:24 PM	71088
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/27/2022 2:11:24 PM	71088
Surr: DNOP	104	21-129		%Rec	1	10/27/2022 2:11:24 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	7.5	4.7		mg/Kg	1	10/28/2022 12:39:00 AM	71058
Surr: BFB	135	37.7-212		%Rec	1	10/28/2022 12:39:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/28/2022 12:39:00 AM	71058
Toluene	ND	0.047		mg/Kg	1	10/28/2022 12:39:00 AM	71058
Ethylbenzene	ND	0.047		mg/Kg	1	10/28/2022 12:39:00 AM	71058
Xylenes, Total	ND	0.095		mg/Kg	1	10/28/2022 12:39:00 AM	71058
Surr: 4-Bromofluorobenzene	123	70-130		%Rec	1	10/28/2022 12:39:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH10A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 11:05:00 AM

Lab ID: 2210C01-008

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	840	60		mg/Kg	20	10/31/2022 2:58:00 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/27/2022 2:24:49 PM	71088
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/27/2022 2:24:49 PM	71088
Surr: DNOP	96.4	21-129		%Rec	1	10/27/2022 2:24:49 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/28/2022 12:58:00 AM	71058
Surr: BFB	114	37.7-212		%Rec	1	10/28/2022 12:58:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/28/2022 12:58:00 AM	71058
Toluene	ND	0.049		mg/Kg	1	10/28/2022 12:58:00 AM	71058
Ethylbenzene	ND	0.049		mg/Kg	1	10/28/2022 12:58:00 AM	71058
Xylenes, Total	ND	0.098		mg/Kg	1	10/28/2022 12:58:00 AM	71058
Surr: 4-Bromofluorobenzene	120	70-130		%Rec	1	10/28/2022 12:58:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH11A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 11:10:00 AM

Lab ID: 2210C01-009

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	750	60		mg/Kg	20	10/31/2022 3:10:25 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	53	15		mg/Kg	1	10/27/2022 2:38:23 PM	71088
Motor Oil Range Organics (MRO)	76	49		mg/Kg	1	10/27/2022 2:38:23 PM	71088
Surr: DNOP	101	21-129		%Rec	1	10/27/2022 2:38:23 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/28/2022 1:18:00 AM	71058
Surr: BFB	105	37.7-212		%Rec	1	10/28/2022 1:18:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/28/2022 1:18:00 AM	71058
Toluene	ND	0.049		mg/Kg	1	10/28/2022 1:18:00 AM	71058
Ethylbenzene	ND	0.049		mg/Kg	1	10/28/2022 1:18:00 AM	71058
Xylenes, Total	ND	0.097		mg/Kg	1	10/28/2022 1:18:00 AM	71058
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	1	10/28/2022 1:18:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH12A

Project: Saguario Water Transfer

Collection Date: 10/21/2022 11:15:00 AM

Lab ID: 2210C01-010

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	1000	60		mg/Kg	20	10/31/2022 3:22:50 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	41	15		mg/Kg	1	10/27/2022 2:51:56 PM	71088
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/27/2022 2:51:56 PM	71088
Surr: DNOP	92.0	21-129		%Rec	1	10/27/2022 2:51:56 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/28/2022 1:38:00 AM	71058
Surr: BFB	115	37.7-212		%Rec	1	10/28/2022 1:38:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/28/2022 1:38:00 AM	71058
Toluene	ND	0.049		mg/Kg	1	10/28/2022 1:38:00 AM	71058
Ethylbenzene	ND	0.049		mg/Kg	1	10/28/2022 1:38:00 AM	71058
Xylenes, Total	ND	0.098		mg/Kg	1	10/28/2022 1:38:00 AM	71058
Surr: 4-Bromofluorobenzene	118	70-130		%Rec	1	10/28/2022 1:38:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH13A

Project: Saguario Water Transfer

Collection Date: 10/21/2022 11:20:00 AM

Lab ID: 2210C01-011

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	2300	59		mg/Kg	20	10/31/2022 3:35:14 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	36	15		mg/Kg	1	10/27/2022 3:05:33 PM	71088
Motor Oil Range Organics (MRO)	49	49		mg/Kg	1	10/27/2022 3:05:33 PM	71088
Surr: DNOP	105	21-129		%Rec	1	10/27/2022 3:05:33 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/28/2022 2:17:00 AM	71058
Surr: BFB	106	37.7-212		%Rec	1	10/28/2022 2:17:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/28/2022 2:17:00 AM	71058
Toluene	ND	0.048		mg/Kg	1	10/28/2022 2:17:00 AM	71058
Ethylbenzene	ND	0.048		mg/Kg	1	10/28/2022 2:17:00 AM	71058
Xylenes, Total	ND	0.095		mg/Kg	1	10/28/2022 2:17:00 AM	71058
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	1	10/28/2022 2:17:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH14A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 11:25:00 AM

Lab ID: 2210C01-012

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	730	60		mg/Kg	20	10/31/2022 3:47:39 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	26	14		mg/Kg	1	10/27/2022 3:18:57 PM	71088
Motor Oil Range Organics (MRO)	49	48		mg/Kg	1	10/27/2022 3:18:57 PM	71088
Surr: DNOP	91.8	21-129		%Rec	1	10/27/2022 3:18:57 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/28/2022 2:37:00 AM	71058
Surr: BFB	108	37.7-212		%Rec	1	10/28/2022 2:37:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/28/2022 2:37:00 AM	71058
Toluene	ND	0.050		mg/Kg	1	10/28/2022 2:37:00 AM	71058
Ethylbenzene	ND	0.050		mg/Kg	1	10/28/2022 2:37:00 AM	71058
Xylenes, Total	ND	0.099		mg/Kg	1	10/28/2022 2:37:00 AM	71058
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	1	10/28/2022 2:37:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH16A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 11:30:00 AM

Lab ID: 2210C01-013

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	2200	60		mg/Kg	20	10/31/2022 4:24:53 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	10/27/2022 3:32:29 PM	71088
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/27/2022 3:32:29 PM	71088
Surr: DNOP	92.1	21-129		%Rec	1	10/27/2022 3:32:29 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/28/2022 2:56:00 AM	71058
Surr: BFB	101	37.7-212		%Rec	1	10/28/2022 2:56:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/28/2022 2:56:00 AM	71058
Toluene	ND	0.049		mg/Kg	1	10/28/2022 2:56:00 AM	71058
Ethylbenzene	ND	0.049		mg/Kg	1	10/28/2022 2:56:00 AM	71058
Xylenes, Total	ND	0.098		mg/Kg	1	10/28/2022 2:56:00 AM	71058
Surr: 4-Bromofluorobenzene	118	70-130		%Rec	1	10/28/2022 2:56:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH18A

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 11:35:00 AM

Lab ID: 2210C01-014

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	620	60		mg/Kg	20	10/31/2022 4:37:17 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	10/27/2022 3:46:10 PM	71088
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/27/2022 3:46:10 PM	71088
Surr: DNOP	95.2	21-129		%Rec	1	10/27/2022 3:46:10 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/28/2022 3:16:00 AM	71058
Surr: BFB	100	37.7-212		%Rec	1	10/28/2022 3:16:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/28/2022 3:16:00 AM	71058
Toluene	ND	0.048		mg/Kg	1	10/28/2022 3:16:00 AM	71058
Ethylbenzene	ND	0.048		mg/Kg	1	10/28/2022 3:16:00 AM	71058
Xylenes, Total	ND	0.096		mg/Kg	1	10/28/2022 3:16:00 AM	71058
Surr: 4-Bromofluorobenzene	117	70-130		%Rec	1	10/28/2022 3:16:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH19

Project: Saguario Water Transfer

Collection Date: 10/21/2022 11:40:00 AM

Lab ID: 2210C01-015

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	650	60		mg/Kg	20	10/31/2022 4:49:41 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	700	14		mg/Kg	1	10/27/2022 3:59:49 PM	71088
Motor Oil Range Organics (MRO)	300	45		mg/Kg	1	10/27/2022 3:59:49 PM	71088
Surr: DNOP	101	21-129		%Rec	1	10/27/2022 3:59:49 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	48	4.7		mg/Kg	1	10/28/2022 3:36:00 AM	71058
Surr: BFB	304	37.7-212	S	%Rec	1	10/28/2022 3:36:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/28/2022 3:36:00 AM	71058
Toluene	ND	0.047		mg/Kg	1	10/28/2022 3:36:00 AM	71058
Ethylbenzene	0.21	0.047		mg/Kg	1	10/28/2022 3:36:00 AM	71058
Xylenes, Total	0.43	0.094		mg/Kg	1	10/28/2022 3:36:00 AM	71058
Surr: 4-Bromofluorobenzene	162	70-130	S	%Rec	1	10/28/2022 3:36:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH20

Project: Saguario Water Transfer

Collection Date: 10/21/2022 11:45:00 AM

Lab ID: 2210C01-016

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JTT
Chloride	770	60		mg/Kg	20	10/31/2022 5:02:06 AM	71169
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	730	69		mg/Kg	5	10/28/2022 3:00:21 PM	71088
Motor Oil Range Organics (MRO)	310	230		mg/Kg	5	10/28/2022 3:00:21 PM	71088
Surr: DNOP	104	21-129		%Rec	5	10/28/2022 3:00:21 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	71	4.6		mg/Kg	1	10/28/2022 3:55:00 AM	71058
Surr: BFB	328	37.7-212	S	%Rec	1	10/28/2022 3:55:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	10/28/2022 3:55:00 AM	71058
Toluene	ND	0.046		mg/Kg	1	10/28/2022 3:55:00 AM	71058
Ethylbenzene	0.28	0.046		mg/Kg	1	10/28/2022 3:55:00 AM	71058
Xylenes, Total	0.73	0.091		mg/Kg	1	10/28/2022 3:55:00 AM	71058
Surr: 4-Bromofluorobenzene	168	70-130	S	%Rec	1	10/28/2022 3:55:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH26

Project: Saguario Water Transfer

Collection Date: 10/21/2022 11:50:00 AM

Lab ID: 2210C01-017

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	700	60		mg/Kg	20	10/31/2022 11:50:10 AM	71179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	1300	73		mg/Kg	5	10/31/2022 11:03:24 AM	71088
Motor Oil Range Organics (MRO)	510	240		mg/Kg	5	10/31/2022 11:03:24 AM	71088
Surr: DNOP	104	21-129		%Rec	5	10/31/2022 11:03:24 AM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	81	24		mg/Kg	5	10/28/2022 4:15:00 AM	71058
Surr: BFB	315	37.7-212	S	%Rec	5	10/28/2022 4:15:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.12		mg/Kg	5	10/28/2022 4:15:00 AM	71058
Toluene	ND	0.24		mg/Kg	5	10/28/2022 4:15:00 AM	71058
Ethylbenzene	ND	0.24		mg/Kg	5	10/28/2022 4:15:00 AM	71058
Xylenes, Total	0.97	0.48		mg/Kg	5	10/28/2022 4:15:00 AM	71058
Surr: 4-Bromofluorobenzene	166	70-130	S	%Rec	5	10/28/2022 4:15:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH27

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 11:55:00 AM

Lab ID: 2210C01-018

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1100	60		mg/Kg	20	10/31/2022 12:02:35 PM	71179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	580	15		mg/Kg	1	10/31/2022 11:27:19 AM	71088
Motor Oil Range Organics (MRO)	360	49		mg/Kg	1	10/31/2022 11:27:19 AM	71088
Surr: DNOP	110	21-129		%Rec	1	10/31/2022 11:27:19 AM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	45	5.0		mg/Kg	1	10/28/2022 4:35:00 AM	71058
Surr: BFB	240	37.7-212	S	%Rec	1	10/28/2022 4:35:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/28/2022 4:35:00 AM	71058
Toluene	ND	0.050		mg/Kg	1	10/28/2022 4:35:00 AM	71058
Ethylbenzene	0.089	0.050		mg/Kg	1	10/28/2022 4:35:00 AM	71058
Xylenes, Total	0.35	0.099		mg/Kg	1	10/28/2022 4:35:00 AM	71058
Surr: 4-Bromofluorobenzene	213	70-130	S	%Rec	1	10/28/2022 4:35:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW6

Project: Saguario Water Transfer

Collection Date: 10/21/2022 12:00:00 PM

Lab ID: 2210C01-019

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	1500	60		mg/Kg	20	10/31/2022 12:14:59 PM	71179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	730	15		mg/Kg	1	10/27/2022 4:54:01 PM	71088
Motor Oil Range Organics (MRO)	340	49		mg/Kg	1	10/27/2022 4:54:01 PM	71088
Surr: DNOP	108	21-129		%Rec	1	10/27/2022 4:54:01 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	28	4.8		mg/Kg	1	10/28/2022 4:54:00 AM	71058
Surr: BFB	229	37.7-212	S	%Rec	1	10/28/2022 4:54:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/28/2022 4:54:00 AM	71058
Toluene	ND	0.048		mg/Kg	1	10/28/2022 4:54:00 AM	71058
Ethylbenzene	0.11	0.048		mg/Kg	1	10/28/2022 4:54:00 AM	71058
Xylenes, Total	0.18	0.096		mg/Kg	1	10/28/2022 4:54:00 AM	71058
Surr: 4-Bromofluorobenzene	193	70-130	S	%Rec	1	10/28/2022 4:54:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW7

Project: Saguario Water Transfer

Collection Date: 10/21/2022 12:05:00 PM

Lab ID: 2210C01-020

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	910	59		mg/Kg	20	10/31/2022 12:27:23 PM	71179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	5700	150		mg/Kg	10	10/28/2022 3:27:30 PM	71088
Motor Oil Range Organics (MRO)	2200	500		mg/Kg	10	10/28/2022 3:27:30 PM	71088
Surr: DNOP	0	21-129	S	%Rec	10	10/28/2022 3:27:30 PM	71088
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	480	23		mg/Kg	5	10/28/2022 5:14:00 AM	71058
Surr: BFB	421	37.7-212	S	%Rec	5	10/28/2022 5:14:00 AM	71058
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	0.34	0.12		mg/Kg	5	10/28/2022 5:14:00 AM	71058
Toluene	ND	0.23		mg/Kg	5	10/28/2022 5:14:00 AM	71058
Ethylbenzene	4.1	0.23		mg/Kg	5	10/28/2022 5:14:00 AM	71058
Xylenes, Total	2.2	0.46		mg/Kg	5	10/28/2022 5:14:00 AM	71058
Surr: 4-Bromofluorobenzene	205	70-130	S	%Rec	5	10/28/2022 5:14:00 AM	71058

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW15

Project: Saguario Water Transfer

Collection Date: 10/21/2022 12:10:00 PM

Lab ID: 2210C01-021

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	770	59		mg/Kg	20	10/31/2022 12:39:48 PM	71179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	2100	150		mg/Kg	10	10/28/2022 3:21:58 PM	71099
Motor Oil Range Organics (MRO)	900	490		mg/Kg	10	10/28/2022 3:21:58 PM	71099
Surr: DNOP	0	21-129	S	%Rec	10	10/28/2022 3:21:58 PM	71099
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	250	24		mg/Kg	5	10/28/2022 2:28:00 PM	71084
Surr: BFB	339	37.7-212	S	%Rec	5	10/28/2022 2:28:00 PM	71084
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.12		mg/Kg	5	10/28/2022 2:28:00 PM	71084
Toluene	ND	0.24		mg/Kg	5	10/28/2022 2:28:00 PM	71084
Ethylbenzene	0.26	0.24		mg/Kg	5	10/28/2022 2:28:00 PM	71084
Xylenes, Total	1.8	0.48		mg/Kg	5	10/28/2022 2:28:00 PM	71084
Surr: 4-Bromofluorobenzene	180	70-130	S	%Rec	5	10/28/2022 2:28:00 PM	71084

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW16

Project: Saguario Water Transfer

Collection Date: 10/21/2022 12:15:00 PM

Lab ID: 2210C01-022

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	340	60		mg/Kg	20	10/31/2022 12:52:12 PM	71179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	1300	150		mg/Kg	10	11/1/2022 1:47:47 AM	71099
Motor Oil Range Organics (MRO)	900	490		mg/Kg	10	11/1/2022 1:47:47 AM	71099
Surr: DNOP	0	21-129	S	%Rec	10	11/1/2022 1:47:47 AM	71099
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	75	4.8		mg/Kg	1	10/28/2022 3:28:00 PM	71084
Surr: BFB	360	37.7-212	S	%Rec	1	10/28/2022 3:28:00 PM	71084
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	10/28/2022 3:28:00 PM	71084
Toluene	ND	0.048		mg/Kg	1	10/28/2022 3:28:00 PM	71084
Ethylbenzene	0.42	0.048		mg/Kg	1	10/28/2022 3:28:00 PM	71084
Xylenes, Total	1.5	0.097		mg/Kg	1	10/28/2022 3:28:00 PM	71084
Surr: 4-Bromofluorobenzene	172	70-130	S	%Rec	1	10/28/2022 3:28:00 PM	71084

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210C01

Date Reported: 11/2/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW19

Project: Saguaro Water Transfer

Collection Date: 10/21/2022 12:20:00 PM

Lab ID: 2210C01-023

Matrix: SOIL

Received Date: 10/25/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: NAI
Chloride	400	60		mg/Kg	20	10/31/2022 1:04:36 PM	71179
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	490	14		mg/Kg	1	10/28/2022 6:21:54 PM	71099
Motor Oil Range Organics (MRO)	260	48		mg/Kg	1	10/28/2022 6:21:54 PM	71099
Surr: DNOP	110	21-129		%Rec	1	10/28/2022 6:21:54 PM	71099
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	35	5.0		mg/Kg	1	10/28/2022 4:26:00 PM	71084
Surr: BFB	289	37.7-212	S	%Rec	1	10/28/2022 4:26:00 PM	71084
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	10/28/2022 4:26:00 PM	71084
Toluene	ND	0.050		mg/Kg	1	10/28/2022 4:26:00 PM	71084
Ethylbenzene	ND	0.050		mg/Kg	1	10/28/2022 4:26:00 PM	71084
Xylenes, Total	0.17	0.10		mg/Kg	1	10/28/2022 4:26:00 PM	71084
Surr: 4-Bromofluorobenzene	152	70-130	S	%Rec	1	10/28/2022 4:26:00 PM	71084

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210C01

02-Nov-22

Client: GHD Midland**Project:** Saguaro Water Transfer

Sample ID: MB-71169	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 71169	RunNo: 92194								
Prep Date: 10/30/2022	Analysis Date: 10/30/2022	SeqNo: 3310236 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-71169	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 71169	RunNo: 92194								
Prep Date: 10/30/2022	Analysis Date: 10/30/2022	SeqNo: 3310237 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.1	90	110			

Sample ID: MB-71179	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 71179	RunNo: 92227								
Prep Date: 10/31/2022	Analysis Date: 10/31/2022	SeqNo: 3312348 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-71179	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 71179	RunNo: 92227								
Prep Date: 10/31/2022	Analysis Date: 10/31/2022	SeqNo: 3312349 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.7	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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
 E Above Quantitation Range/Estimated Value
 J Analyte detected below quantitation limits
 P Sample pH Not In Range
 RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210C01

02-Nov-22

Client: GHD Midland**Project:** Saguaro Water Transfer

Sample ID: LCS-71099	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 71099			RunNo: 92135						
Prep Date: 10/26/2022	Analysis Date: 10/27/2022			SeqNo: 3307451			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	15	50.00	0	90.6	64.4	127			
Surr: DNOP	4.9		5.000		98.8	21	129			

Sample ID: MB-71099	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 71099			RunNo: 92135						
Prep Date: 10/26/2022	Analysis Date: 10/27/2022			SeqNo: 3307453			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		93.5	21	129			

Sample ID: MB-71088	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 71088			RunNo: 92150						
Prep Date: 10/26/2022	Analysis Date: 10/27/2022			SeqNo: 3308286			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.9		10.00		99.0	21	129			

Sample ID: LCS-71088	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 71088			RunNo: 92150						
Prep Date: 10/26/2022	Analysis Date: 10/27/2022			SeqNo: 3308287			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	15	50.00	0	103	64.4	127			
Surr: DNOP	4.6		5.000		91.1	21	129			

Sample ID: 2210C01-001AMS	SampType: MS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: BH1A	Batch ID: 71088			RunNo: 92150						
Prep Date: 10/26/2022	Analysis Date: 10/27/2022			SeqNo: 3308289			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	15	50.05	0	94.4	36.1	154			
Surr: DNOP	4.3		5.005		86.8	21	129			

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210C01

02-Nov-22

Client: GHD Midland**Project:** Saguaro Water Transfer

Sample ID: 2210C01-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BH1A	Batch ID: 71088	RunNo: 92150								
Prep Date: 10/26/2022	Analysis Date: 10/27/2022	SeqNo: 3308290	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	15	48.64	0	96.0	36.1	154	1.18	33.9	
Surr: DNOP	4.3		4.864		89.0	21	129	0	0	

Sample ID: LCS-71171	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 71171	RunNo: 92198								
Prep Date: 10/31/2022	Analysis Date: 10/31/2022	SeqNo: 3311075	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.4		5.000		88.2	21	129			

Sample ID: MB-71171	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 71171	RunNo: 92198								
Prep Date: 10/31/2022	Analysis Date: 10/31/2022	SeqNo: 3311076	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.0		10.00		90.3	21	129			

Sample ID: LCS-71174	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 71174	RunNo: 92198								
Prep Date: 10/31/2022	Analysis Date: 10/31/2022	SeqNo: 3312301	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.5		5.000		110	21	129			

Sample ID: MB-71174	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 71174	RunNo: 92198								
Prep Date: 10/31/2022	Analysis Date: 10/31/2022	SeqNo: 3312302	Units: %Rec							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.7		10.00		96.8	21	129			

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210C01

02-Nov-22

Client: GHD Midland**Project:** Saguario Water Transfer

Sample ID: ics-71058	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 71058			RunNo: 92168						
Prep Date: 10/25/2022	Analysis Date: 10/27/2022			SeqNo: 3309079		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.8	72.3	137			
Surr: BFB	2200		1000		216	37.7	212			S

Sample ID: mb-71058	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 71058			RunNo: 92168						
Prep Date: 10/25/2022	Analysis Date: 10/27/2022			SeqNo: 3309080		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		100	37.7	212			

Sample ID: 2210C01-001ams	SampType: MS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: BH1A	Batch ID: 71058			RunNo: 92168						
Prep Date: 10/25/2022	Analysis Date: 10/27/2022			SeqNo: 3309082		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.7	23.41	0	101	70	130			
Surr: BFB	2100		936.3		226	37.7	212			S

Sample ID: 2210C01-001amsd	SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: BH1A	Batch ID: 71058			RunNo: 92168						
Prep Date: 10/25/2022	Analysis Date: 10/27/2022			SeqNo: 3309083		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.7	23.34	0	94.9	70	130	6.05	20	
Surr: BFB	2000		933.7		219	37.7	212	0	0	S

Sample ID: ics-71084	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 71084			RunNo: 92196						
Prep Date: 10/26/2022	Analysis Date: 10/28/2022			SeqNo: 3310373		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	72.3	137			
Surr: BFB	2200		1000		216	37.7	212			S

Sample ID: mb-71084	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 71084			RunNo: 92196						
Prep Date: 10/26/2022	Analysis Date: 10/28/2022			SeqNo: 3310374		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 Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210C01

02-Nov-22

Client: GHD Midland**Project:** Saguaro Water Transfer

Sample ID: mb-71084	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 71084	RunNo: 92196								
Prep Date: 10/26/2022	Analysis Date: 10/28/2022	SeqNo: 3310374 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		97.5	37.7	212			

Sample ID: 2210C01-021ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SW15	Batch ID: 71084	RunNo: 92196								
Prep Date: 10/26/2022	Analysis Date: 10/28/2022	SeqNo: 3310376 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	220	24	23.92	254.9	-131	70	130			S
Surr: BFB	16000		4785		332	37.7	212			S

Sample ID: 2210C01-021amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SW15	Batch ID: 71084	RunNo: 92196								
Prep Date: 10/26/2022	Analysis Date: 10/28/2022	SeqNo: 3310377 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	150	24	24.04	254.9	-446	70	130	40.9	20	RS
Surr: BFB	13000		4808		281	37.7	212	0	0	S

Sample ID: lcs-71125	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 71125	RunNo: 92196								
Prep Date: 10/27/2022	Analysis Date: 10/29/2022	SeqNo: 3310421 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2200		1000		221	37.7	212			S

Sample ID: mb-71125	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 71125	RunNo: 92196								
Prep Date: 10/27/2022	Analysis Date: 10/29/2022	SeqNo: 3310422 Units: %Rec								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		102	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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210C01

02-Nov-22

Client: GHD Midland**Project:** Saguaro Water Transfer

Sample ID: lcs-71058	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 71058		RunNo: 92168							
Prep Date: 10/25/2022	Analysis Date: 10/27/2022		SeqNo: 3309145		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.025	1.000	0	116	80	120			
Toluene	1.2	0.050	1.000	0	116	80	120			
Ethylbenzene	1.2	0.050	1.000	0	116	80	120			
Xylenes, Total	3.5	0.10	3.000	0	115	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		119	70	130			

Sample ID: mb-71058	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 71058		RunNo: 92168							
Prep Date: 10/25/2022	Analysis Date: 10/27/2022		SeqNo: 3309146		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		113	70	130			

Sample ID: 2210C01-002AMS	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH2A	Batch ID: 71058		RunNo: 92168							
Prep Date: 10/25/2022	Analysis Date: 10/27/2022		SeqNo: 3309149		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9785	0	113	68.8	120			
Toluene	1.1	0.049	0.9785	0	115	73.6	124			
Ethylbenzene	1.1	0.049	0.9785	0	116	72.7	129			
Xylenes, Total	3.4	0.098	2.935	0	115	75.7	126			
Surr: 4-Bromofluorobenzene	1.2		0.9785		118	70	130			

Sample ID: 2210C01-002AMSD	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH2A	Batch ID: 71058		RunNo: 92168							
Prep Date: 10/25/2022	Analysis Date: 10/27/2022		SeqNo: 3309150		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9766	0	115	68.8	120	1.97	20	
Toluene	1.1	0.049	0.9766	0	116	73.6	124	1.08	20	
Ethylbenzene	1.1	0.049	0.9766	0	116	72.7	129	0.160	20	
Xylenes, Total	3.4	0.098	2.930	0	116	75.7	126	0.509	20	
Surr: 4-Bromofluorobenzene	1.2		0.9766		118	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210C01

02-Nov-22

Client: GHD Midland**Project:** Saguaro Water Transfer

Sample ID: lcs-71084	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 71084		RunNo: 92196							
Prep Date: 10/26/2022	Analysis Date: 10/28/2022		SeqNo: 3310523		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.025	1.000	0	118	80	120			
Toluene	1.2	0.050	1.000	0	118	80	120			
Ethylbenzene	1.2	0.050	1.000	0	116	80	120			
Xylenes, Total	3.5	0.10	3.000	0	116	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		113	70	130			

Sample ID: mb-71084	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 71084		RunNo: 92196							
Prep Date: 10/26/2022	Analysis Date: 10/28/2022		SeqNo: 3310524		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		112	70	130			

Sample ID: 2210C01-022ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: SW16	Batch ID: 71084		RunNo: 92196							
Prep Date: 10/26/2022	Analysis Date: 10/28/2022		SeqNo: 3310527		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9634	0	116	68.8	120			
Toluene	1.2	0.048	0.9634	0.02624	118	73.6	124			
Ethylbenzene	1.5	0.048	0.9634	0.4224	112	72.7	129			
Xylenes, Total	4.7	0.096	2.890	1.459	110	75.7	126			
Surr: 4-Bromofluorobenzene	1.6		0.9634		169	70	130			S

Sample ID: 2210C01-022amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: SW16	Batch ID: 71084		RunNo: 92196							
Prep Date: 10/26/2022	Analysis Date: 10/28/2022		SeqNo: 3310528		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9662	0	114	68.8	120	1.07	20	
Toluene	1.1	0.048	0.9662	0.02624	116	73.6	124	1.97	20	
Ethylbenzene	1.4	0.048	0.9662	0.4224	100	72.7	129	7.50	20	
Xylenes, Total	4.3	0.097	2.899	1.459	97.2	75.7	126	8.41	20	
Surr: 4-Bromofluorobenzene	1.5		0.9662		159	70	130	0	0	S

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2210C01
02-Nov-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: lcs-71125	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 71125	RunNo: 92196								
Prep Date: 10/27/2022	Analysis Date: 10/29/2022	SeqNo: 3310571			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.2		1.000		121	70	130			

Sample ID: mb-71125	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 71125	RunNo: 92196								
Prep Date: 10/27/2022	Analysis Date: 10/29/2022	SeqNo: 3310572			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.2		1.000		120	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.	



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: 2210C01

RcptNo: 1

Received By: Juan Rojas

10/25/2022 7:20:00 AM

Completed By: Sean Livingston

10/25/2022 8:21:25 AM

Reviewed By:

10-25-22

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: JN 10/25/22

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.2	Good				

Chain-of-Custody Record

Client: GHD

Mailing Address: 324 W Main St.

Albuquerque, NM 88210

Phone #: (505) 397-4218

Email or Fax#: nate.reese@ghd.com

VQC Package:

Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

☒ Standard☒ Rush

Project Name:

Sayano Water Transfer

Project #:

12585792

Project Manager:

Nate Reese

ST Murray

Sampler:

Liam Giersdorf

On Ice: ☒ Yes ☐ No

of Coolers:

1

Cooler Temp (including CF):

7.3-6.1-2.2 (°C)

Container Type and #

Jar

Preservative Type

Ice

HEAL No.

2210001

Date

10/24/2020

Time

10:35

Sample Name

BH1A

Date

10/35

Time

10:40

Sample Name

BH2A

Date

10/40

Time

10:45

Sample Name

BH3A

Date

10/45

Time

10:50

Sample Name

BH4A

Date

10/50

Time

10:55

Sample Name

BH5A

Date

11/00

Time

11:05

Sample Name

BH6A

Date

11/05

Time

11:10

Sample Name

BH7A

Date

11/10

Time

11:15

Sample Name

BH8A

Date

11/20

Time

11:25

Sample Name

BH9A

Date

11/25

Time

11:30

Sample Name

BH10A

Date

11/30

Time

11:35

Sample Name

BH11A

Date

11/35

Time

11:40

Sample Name

BH12A

Date

11/40

Time

11:45

Sample Name

BH13A

Date

11/45

Time

11:50

Sample Name

BH14A

Date

11/50

Time

11:55

Sample Name

BH15A

Date

11/55

Time

12:00

Sample Name

BH16A

Date

12/00

Time

12:05

Sample Name

BH17A

Date

12/05

Time

12:10

Sample Name

BH18A

Date

12/10

Time

12:15

Sample Name

BH19A

Date

12/15

Time

12:20

Sample Name

BH20A

Date

12/20

Time

12:25

Sample Name

BH21A

Date

12/25

Time

12:30

Sample Name

BH22A

Date

12/30

Time

12:35

Sample Name

BH23A

Date

12/35

Time

12:40

Sample Name

BH24A

Date

12/40

Time

12:45

Sample Name

BH25A

Date

12/45

Time

12:50

Sample Name

BH26A

Date

12/50

Time

12:55

Sample Name

BH27A

Date

12/55

Time

13:00

Sample Name

BH28A

Date

13/00

Time

13:05

Sample Name

BH29A

Date

13/05

Time

13:10

Sample Name

BH30A

Date

13/10

Time

13:15

Sample Name

BH31A

Date

13/15

Time

13:20

Sample Name

BH32A

Date

13/20

Time

13:25

Sample Name

BH33A

Date

13/25

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Sample Name

BH34A

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Sample Name

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Sample Name

BH36A

Date

13/40

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Sample Name

BH37A

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13/45

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Sample Name

BH38A

Date

13/50

Time

13:55

Sample Name

BH39A

Date

14/00

Time

14:05

Sample Name

BH40A

Date

14/05

Time

14:10

Sample Name

BH41A

Date

14/10

Time

14:15

Sample Name

BH42A

Date

14/15

Time

14:20

Sample Name

BH43A

Date

14/20

Time

14:25

Sample Name

BH44A

Date

14/25

Time

14:30

Sample Name

BH45A

Date

14/30

Time

14:35

Sample Name

BH46A

Date

14/35

Time

14:40

Sample Name

BH47A

Date

14/40

Time

14:45

Sample Name

BH48A

Date

14/45

Time

14:50

Sample Name

BH49A

Date

14/50

Time

15:00

Sample Name

BH50A

Date

15/00

Time

15:05

Sample Name

BH51A

Date

15/05

Time

15:10

Sample Name

BH52A

Date

15/10

Time

15:15

Sample Name

Chain-of-Custody Record

Client: GHD

Mailing Address: 324 W Main St

Artesia, NM 88210

Phone #: (505) 377-4218

Email or Fax#: nate.reese@ghd.com

QA/QC Package:

☐ Standard☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

☒ Standard☒ Rush

Project Name:

Saguaro Water Transfer

Project #:

12585792

Project Manager: Nate Reese

JT Murray

Sampler: Liam Giersdorf

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CF): 23.0-152.2 (°C)

Date Time Matrix Sample Name

10/21/1130 So.1 BH16A

1135 BH18A

1140 BH19

1145 BH20

1150 BH26

1155 BH27

1200 SW6

1205 SW7

1210 SW15

1215 SW16

1220 SW19

Date Time

10/24/2020

Date Time

10/28/2020

Relinquished by:

Liam Giersdorf

Relinquished by:

Liam Giersdorf

Received by:

Liam Giersdorf

Received by:

Liam Giersdorf

Date Time

10/24/2020 800

Date Time

10/28/2020 7:20

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Via:

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Received by:

Liam Giersdorf

Received by:

Liam



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

November 08, 2022

JT Murrey
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Saguaro Water Transfer

OrderNo.: 2210E93

Dear JT Murrey:

Hall Environmental Analysis Laboratory received 12 sample(s) on 11/1/2022 for the analyses presented in the following report.

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

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH21A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:00:00 PM

Lab ID: 2210E93-001

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	270	60		mg/Kg	20	11/4/2022 3:44:35 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	2300	150		mg/Kg	10	11/4/2022 10:56:41 AM	71242
Motor Oil Range Organics (MRO)	1300	490		mg/Kg	10	11/4/2022 10:56:41 AM	71242
Surr: DNOP	0	21-129	S	%Rec	10	11/4/2022 10:56:41 AM	71242
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	57	25		mg/Kg	5	11/3/2022 11:13:00 AM	71239
Surr: BFB	171	37.7-212		%Rec	5	11/3/2022 11:13:00 AM	71239
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.12		mg/Kg	5	11/3/2022 11:13:00 AM	71239
Toluene	ND	0.25		mg/Kg	5	11/3/2022 11:13:00 AM	71239
Ethylbenzene	ND	0.25		mg/Kg	5	11/3/2022 11:13:00 AM	71239
Xylenes, Total	ND	0.50		mg/Kg	5	11/3/2022 11:13:00 AM	71239
Surr: 4-Bromofluorobenzene	129	70-130		%Rec	5	11/3/2022 11:13:00 AM	71239

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH22A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:05:00 PM

Lab ID: 2210E93-002

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	250	61		mg/Kg	20	11/4/2022 3:56:55 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	720	15		mg/Kg	1	11/3/2022 4:16:39 AM	71219
Motor Oil Range Organics (MRO)	500	49		mg/Kg	1	11/3/2022 4:16:39 AM	71219
Surr: DNOP	108	21-129		%Rec	1	11/3/2022 4:16:39 AM	71219
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	23		mg/Kg	5	11/2/2022 11:53:13 AM	71214
Surr: BFB	96.2	37.7-212		%Rec	5	11/2/2022 11:53:13 AM	71214
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	11/2/2022 11:53:13 AM	71214
Toluene	ND	0.23		mg/Kg	5	11/2/2022 11:53:13 AM	71214
Ethylbenzene	ND	0.23		mg/Kg	5	11/2/2022 11:53:13 AM	71214
Xylenes, Total	ND	0.47		mg/Kg	5	11/2/2022 11:53:13 AM	71214
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	5	11/2/2022 11:53:13 AM	71214

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH23A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:10:00 PM

Lab ID: 2210E93-003

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	370	60		mg/Kg	20	11/4/2022 4:09:17 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	210	15		mg/Kg	1	11/3/2022 11:29:07 AM	71219
Motor Oil Range Organics (MRO)	180	49		mg/Kg	1	11/3/2022 11:29:07 AM	71219
Surr: DNOP	106	21-129		%Rec	1	11/3/2022 11:29:07 AM	71219
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/2/2022 12:40:12 PM	71214
Surr: BFB	103	37.7-212		%Rec	1	11/2/2022 12:40:12 PM	71214
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/2/2022 12:40:12 PM	71214
Toluene	ND	0.048		mg/Kg	1	11/2/2022 12:40:12 PM	71214
Ethylbenzene	ND	0.048		mg/Kg	1	11/2/2022 12:40:12 PM	71214
Xylenes, Total	ND	0.095		mg/Kg	1	11/2/2022 12:40:12 PM	71214
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	11/2/2022 12:40:12 PM	71214

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH24A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:15:00 PM

Lab ID: 2210E93-004

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	340	60		mg/Kg	20	11/4/2022 4:21:37 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	29	15		mg/Kg	1	11/3/2022 1:25:32 PM	71219
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/3/2022 1:25:32 PM	71219
Surr: DNOP	110	21-129		%Rec	1	11/3/2022 1:25:32 PM	71219
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	11/2/2022 1:03:41 PM	71214
Surr: BFB	87.1	37.7-212		%Rec	5	11/2/2022 1:03:41 PM	71214
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	11/2/2022 1:03:41 PM	71214
Toluene	ND	0.24		mg/Kg	5	11/2/2022 1:03:41 PM	71214
Ethylbenzene	ND	0.24		mg/Kg	5	11/2/2022 1:03:41 PM	71214
Xylenes, Total	ND	0.49		mg/Kg	5	11/2/2022 1:03:41 PM	71214
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	5	11/2/2022 1:03:41 PM	71214

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH25A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:20:00 PM

Lab ID: 2210E93-005

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	370	61		mg/Kg	20	11/4/2022 4:33:58 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	11/3/2022 4:58:47 AM	71219
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/3/2022 4:58:47 AM	71219
Surr: DNOP	112	21-129		%Rec	1	11/3/2022 4:58:47 AM	71219
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/2/2022 1:27:11 PM	71214
Surr: BFB	90.1	37.7-212		%Rec	1	11/2/2022 1:27:11 PM	71214
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/2/2022 1:27:11 PM	71214
Toluene	ND	0.048		mg/Kg	1	11/2/2022 1:27:11 PM	71214
Ethylbenzene	ND	0.048		mg/Kg	1	11/2/2022 1:27:11 PM	71214
Xylenes, Total	ND	0.095		mg/Kg	1	11/2/2022 1:27:11 PM	71214
Surr: 4-Bromofluorobenzene	94.5	70-130		%Rec	1	11/2/2022 1:27:11 PM	71214

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH28A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:25:00 PM

Lab ID: 2210E93-006

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1900	60		mg/Kg	20	11/4/2022 4:46:20 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	2700	150		mg/Kg	10	11/3/2022 5:09:16 AM	71219
Motor Oil Range Organics (MRO)	1800	490		mg/Kg	10	11/3/2022 5:09:16 AM	71219
Surr: DNOP	0	21-129	S	%Rec	10	11/3/2022 5:09:16 AM	71219
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	11/2/2022 3:01:27 PM	71214
Surr: BFB	118	37.7-212		%Rec	5	11/2/2022 3:01:27 PM	71214
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	11/2/2022 3:01:27 PM	71214
Toluene	ND	0.24		mg/Kg	5	11/2/2022 3:01:27 PM	71214
Ethylbenzene	ND	0.24		mg/Kg	5	11/2/2022 3:01:27 PM	71214
Xylenes, Total	ND	0.48		mg/Kg	5	11/2/2022 3:01:27 PM	71214
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	5	11/2/2022 3:01:27 PM	71214

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH29A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:30:00 PM

Lab ID: 2210E93-007

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2100	61		mg/Kg	20	11/4/2022 4:58:40 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	1300	150		mg/Kg	10	11/4/2022 11:44:14 AM	71242
Motor Oil Range Organics (MRO)	930	490		mg/Kg	10	11/4/2022 11:44:14 AM	71242
Surr: DNOP	0	21-129	S	%Rec	10	11/4/2022 11:44:14 AM	71242
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/3/2022 12:32:00 PM	71239
Surr: BFB	123	37.7-212		%Rec	1	11/3/2022 12:32:00 PM	71239
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	11/3/2022 12:32:00 PM	71239
Toluene	ND	0.048		mg/Kg	1	11/3/2022 12:32:00 PM	71239
Ethylbenzene	ND	0.048		mg/Kg	1	11/3/2022 12:32:00 PM	71239
Xylenes, Total	ND	0.096		mg/Kg	1	11/3/2022 12:32:00 PM	71239
Surr: 4-Bromofluorobenzene	94.7	70-130		%Rec	1	11/3/2022 12:32:00 PM	71239

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH30A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:35:00 PM

Lab ID: 2210E93-008

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	660	60		mg/Kg	20	11/4/2022 5:11:00 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	2200	150		mg/Kg	10	11/3/2022 2:18:35 PM	71219
Motor Oil Range Organics (MRO)	1100	490		mg/Kg	10	11/3/2022 2:18:35 PM	71219
Surr: DNOP	0	21-129	S	%Rec	10	11/3/2022 2:18:35 PM	71219
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	11/2/2022 3:24:50 PM	71214
Surr: BFB	109	37.7-212		%Rec	5	11/2/2022 3:24:50 PM	71214
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	11/2/2022 3:24:50 PM	71214
Toluene	ND	0.24		mg/Kg	5	11/2/2022 3:24:50 PM	71214
Ethylbenzene	ND	0.24		mg/Kg	5	11/2/2022 3:24:50 PM	71214
Xylenes, Total	ND	0.48		mg/Kg	5	11/2/2022 3:24:50 PM	71214
Surr: 4-Bromofluorobenzene	94.1	70-130		%Rec	5	11/2/2022 3:24:50 PM	71214

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH31A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:40:00 PM

Lab ID: 2210E93-009

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	430	60		mg/Kg	20	11/4/2022 5:23:21 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	55	14		mg/Kg	1	11/3/2022 1:46:44 PM	71219
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/3/2022 1:46:44 PM	71219
Surr: DNOP	123	21-129		%Rec	1	11/3/2022 1:46:44 PM	71219
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	11/2/2022 3:48:15 PM	71214
Surr: BFB	88.8	37.7-212		%Rec	5	11/2/2022 3:48:15 PM	71214
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	11/2/2022 3:48:15 PM	71214
Toluene	ND	0.24		mg/Kg	5	11/2/2022 3:48:15 PM	71214
Ethylbenzene	ND	0.24		mg/Kg	5	11/2/2022 3:48:15 PM	71214
Xylenes, Total	ND	0.48		mg/Kg	5	11/2/2022 3:48:15 PM	71214
Surr: 4-Bromofluorobenzene	92.3	70-130		%Rec	5	11/2/2022 3:48:15 PM	71214

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH32A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:45:00 PM

Lab ID: 2210E93-010

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	270	60		mg/Kg	20	11/4/2022 5:35:41 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	15	14		mg/Kg	1	11/3/2022 6:11:51 AM	71219
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/3/2022 6:11:51 AM	71219
Surr: DNOP	102	21-129		%Rec	1	11/3/2022 6:11:51 AM	71219
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	11/2/2022 4:11:54 PM	71214
Surr: BFB	86.9	37.7-212		%Rec	1	11/2/2022 4:11:54 PM	71214
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/2/2022 4:11:54 PM	71214
Toluene	ND	0.048		mg/Kg	1	11/2/2022 4:11:54 PM	71214
Ethylbenzene	ND	0.048		mg/Kg	1	11/2/2022 4:11:54 PM	71214
Xylenes, Total	ND	0.095		mg/Kg	1	11/2/2022 4:11:54 PM	71214
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	11/2/2022 4:11:54 PM	71214

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW8A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:50:00 PM

Lab ID: 2210E93-011

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	820	60		mg/Kg	20	11/4/2022 6:12:45 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	72	14		mg/Kg	1	11/3/2022 6:22:17 AM	71219
Motor Oil Range Organics (MRO)	120	48		mg/Kg	1	11/3/2022 6:22:17 AM	71219
Surr: DNOP	107	21-129		%Rec	1	11/3/2022 6:22:17 AM	71219
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/2/2022 4:35:33 PM	71214
Surr: BFB	86.6	37.7-212		%Rec	1	11/2/2022 4:35:33 PM	71214
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/2/2022 4:35:33 PM	71214
Toluene	ND	0.049		mg/Kg	1	11/2/2022 4:35:33 PM	71214
Ethylbenzene	ND	0.049		mg/Kg	1	11/2/2022 4:35:33 PM	71214
Xylenes, Total	ND	0.097		mg/Kg	1	11/2/2022 4:35:33 PM	71214
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	11/2/2022 4:35:33 PM	71214

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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Analytical Report

Lab Order 2210E93

Date Reported: 11/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW9A

Project: Saguario Water Transfer

Collection Date: 10/28/2022 12:55:00 PM

Lab ID: 2210E93-012

Matrix: SOIL

Received Date: 11/1/2022 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	1800	60		mg/Kg	20	11/4/2022 6:25:05 AM	71290
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	11/3/2022 6:43:14 AM	71219
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/3/2022 6:43:14 AM	71219
Surr: DNOP	126	21-129		%Rec	1	11/3/2022 6:43:14 AM	71219
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/2/2022 4:59:05 PM	71214
Surr: BFB	87.4	37.7-212		%Rec	1	11/2/2022 4:59:05 PM	71214
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	11/2/2022 4:59:05 PM	71214
Toluene	ND	0.047		mg/Kg	1	11/2/2022 4:59:05 PM	71214
Ethylbenzene	ND	0.047		mg/Kg	1	11/2/2022 4:59:05 PM	71214
Xylenes, Total	ND	0.095		mg/Kg	1	11/2/2022 4:59:05 PM	71214
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	11/2/2022 4:59:05 PM	71214

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of standard limits. If undiluted results may be estimated.		

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QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2210E93
08-Nov-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: MB-71290	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 71290	RunNo: 92304								
Prep Date: 11/3/2022	Analysis Date: 11/4/2022	SeqNo: 3316938	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-71290	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 71290	RunNo: 92304								
Prep Date: 11/3/2022	Analysis Date: 11/4/2022	SeqNo: 3316939	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.2	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 Quantitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210E93

08-Nov-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: LCS-71228	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 71228				RunNo: 92253					
Prep Date: 11/2/2022	Analysis Date: 11/2/2022				SeqNo: 3313728	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.1		5.000		101	21	129			

Sample ID: MB-71228	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 71228				RunNo: 92253					
Prep Date: 11/2/2022	Analysis Date: 11/2/2022				SeqNo: 3313729	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.9		10.00		98.8	21	129			

Sample ID: LCS-71219	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 71219				RunNo: 92253					
Prep Date: 11/1/2022	Analysis Date: 11/3/2022				SeqNo: 3315788	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	15	50.00	0	95.4	64.4	127			
Surr: DNOP	5.3		5.000		106	21	129			

Sample ID: MB-71219	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 71219				RunNo: 92253					
Prep Date: 11/1/2022	Analysis Date: 11/3/2022				SeqNo: 3315791	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		85.8	21	129			

Sample ID: MB-71242	SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 71242				RunNo: 92311					
Prep Date: 11/2/2022	Analysis Date: 11/3/2022				SeqNo: 3317016	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		97.5	21	129			

Sample ID: LCS-71242	SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: LCSS	Batch ID: 71242				RunNo: 92311					
Prep Date: 11/2/2022	Analysis Date: 11/3/2022				SeqNo: 3317017	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 Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2210E93
08-Nov-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: LCS-71242		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS		Batch ID: 71242		RunNo: 92311						
Prep Date: 11/2/2022		Analysis Date: 11/3/2022		SeqNo: 3317017		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	15	50.00	0	89.9	64.4	127			
Surr: DNOP	4.9		5.000		97.1	21	129			

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 standard limits. If undiluted results may be estimated.

B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210E93

08-Nov-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: mb	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: G92280			RunNo: 92280						
Prep Date:	Analysis Date: 11/2/2022			SeqNo: 3314544			Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	960		1000		96.5	37.7	212			

Sample ID: 2.5ug gro lcs	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: G92280			RunNo: 92280						
Prep Date:	Analysis Date: 11/2/2022			SeqNo: 3314545			Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1800		1000		184	37.7	212			

Sample ID: mb-71214	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 71214			RunNo: 92280						
Prep Date: 11/1/2022	Analysis Date: 11/2/2022			SeqNo: 3314552			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	890		1000		89.3	37.7	212			

Sample ID: lcs-71214	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 71214			RunNo: 92280						
Prep Date: 11/1/2022	Analysis Date: 11/2/2022			SeqNo: 3314553			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.5	72.3	137			
Surr: BFB	1900		1000		189	37.7	212			

Sample ID: lcs-71239	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 71239			RunNo: 92320						
Prep Date: 11/2/2022	Analysis Date: 11/3/2022			SeqNo: 3317183			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.4	72.3	137			
Surr: BFB	2000		1000		200	37.7	212			

Sample ID: mb-71239	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 71239			RunNo: 92320						
Prep Date: 11/2/2022	Analysis Date: 11/3/2022			SeqNo: 3317186			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	910		1000		90.7	37.7	212			

Qualifiers:

* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
D Sample Diluted Due to Matrix	E Above Quantitation Range/Estimated Value
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	P Sample pH Not In Range
PQL Practical Quantitative Limit	RL Reporting Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.	

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **2210E93****08-Nov-22**

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: 2210E93-001ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: BH21A	Batch ID: 71239		RunNo: 92320							
Prep Date: 11/2/2022	Analysis Date: 11/3/2022		SeqNo: 3317191		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	50	23	23.21	56.94	-31.7	70	130			S
Surr: BFB	10000		4643		222	37.7	212			S

Sample ID: 2210E93-001amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: BH21A	Batch ID: 71239		RunNo: 92320							
Prep Date: 11/2/2022	Analysis Date: 11/3/2022		SeqNo: 3317192		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	49	24	24.22	56.94	-34.5	70	130	2.01	20	S
Surr: BFB	10000		4845		213	37.7	212	0	0	S

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210E93

08-Nov-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: mb	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: B92280		RunNo: 92280							
Prep Date:	Analysis Date: 11/2/2022		SeqNo: 3314589		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: 100ng btex lcs	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: B92280		RunNo: 92280							
Prep Date:	Analysis Date: 11/2/2022		SeqNo: 3314590		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.99		1.000		99.3	70	130			

Sample ID: mb-71214	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 71214		RunNo: 92280							
Prep Date: 11/1/2022	Analysis Date: 11/2/2022		SeqNo: 3314596		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	0.95		1.000		94.8	70	130			

Sample ID: LCS-71214	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 71214		RunNo: 92280							
Prep Date: 11/1/2022	Analysis Date: 11/2/2022		SeqNo: 3314597		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.3	80	120			
Toluene	0.97	0.050	1.000	0	97.1	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	98.2	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.1	70	130			

Sample ID: 2210e93-002ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH22A	Batch ID: 71214		RunNo: 92280							
Prep Date: 11/1/2022	Analysis Date: 11/2/2022		SeqNo: 3314600		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.12	0.9479	0	117	68.8	120			
Toluene	1.1	0.24	0.9479	0	120	73.6	124			
Ethylbenzene	1.1	0.24	0.9479	0	118	72.7	129			
Xylenes, Total	3.4	0.47	2.844	0	118	75.7	126			

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2210E93

08-Nov-22

Client: GHD Midland**Project:** Saguaro Water Transfer

Sample ID: 2210e93-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH22A	Batch ID: 71214	RunNo: 92280								
Prep Date: 11/1/2022	Analysis Date: 11/2/2022	SeqNo: 3314600 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	4.4		4.739		92.2	70	130			

Sample ID: 2210e93-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH22A	Batch ID: 71214	RunNo: 92280								
Prep Date: 11/1/2022	Analysis Date: 11/2/2022	SeqNo: 3314601 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.12	0.9542	0	118	68.8	120	1.56	20	
Toluene	1.1	0.24	0.9542	0	120	73.6	124	1.21	20	
Ethylbenzene	1.2	0.24	0.9542	0	121	72.7	129	3.08	20	
Xylenes, Total	3.5	0.48	2.863	0	121	75.7	126	2.92	20	
Surr: 4-Bromofluorobenzene	4.4		4.771		92.7	70	130	0	0	

Sample ID: lcs-71239	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 71239	RunNo: 92320								
Prep Date: 11/2/2022	Analysis Date: 11/3/2022	SeqNo: 3317311 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.8	80	120			
Toluene	0.96	0.050	1.000	0	95.8	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.2	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		93.6	70	130			

Sample ID: mb-71239	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 71239	RunNo: 92320								
Prep Date: 11/2/2022	Analysis Date: 11/3/2022	SeqNo: 3317312 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	0.91		1.000		91.5	70	130			

Sample ID: 2210E93-007ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: BH29A	Batch ID: 71239	RunNo: 92320								
Prep Date: 11/2/2022	Analysis Date: 11/3/2022	SeqNo: 3317315 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 Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **2210E93**

08-Nov-22

Client: GHD Midland
Project: Saguaro Water Transfer

Sample ID: 2210E93-007ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH29A	Batch ID: 71239		RunNo: 92320							
Prep Date: 11/2/2022	Analysis Date: 11/3/2022		SeqNo: 3317315		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9728	0	103	68.8	120			
Toluene	1.0	0.049	0.9728	0	104	73.6	124			
Ethylbenzene	1.0	0.049	0.9728	0	103	72.7	129			
Xylenes, Total	3.0	0.097	2.918	0	101	75.7	126			
Surr: 4-Bromofluorobenzene	0.91		0.9728		93.6	70	130			

Sample ID: 2210E93-007amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: BH29A	Batch ID: 71239		RunNo: 92320							
Prep Date: 11/2/2022	Analysis Date: 11/3/2022		SeqNo: 3317316		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.024	0.9579	0	99.0	68.8	120	5.63	20	
Toluene	0.94	0.048	0.9579	0	98.4	73.6	124	6.90	20	
Ethylbenzene	0.95	0.048	0.9579	0	99.5	72.7	129	5.30	20	
Xylenes, Total	2.8	0.096	2.874	0	97.1	75.7	126	5.55	20	
Surr: 4-Bromofluorobenzene	0.89		0.9579		93.2	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



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

Sample Log-In Check List

Client Name: **GHD Midland**

Work Order Number: **2210E93**

RcptNo: **1**

Received By: **Juan Rojas**

11/1/2022 7:20:00 AM

Juan Rojas

Completed By: **Cheyenne Cason**

11/1/2022 8:01:35 AM

Cheyenne Cason

Reviewed By: *JR 11-1-22*

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? ☐

Checked by: *JR 11/1/22*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.5	Good	Not Present			

Chain-of-Custody Record

Client: G-140

Mailing Address: 324 W Main St.

Artesia, NM 88210

Phone #: (505) 377-4218

email or Fax#: natf.recc@gl.d.com


QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other☐ EDD (Type)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
1028	1200	Soil	BH21A	Ja-	Ice	2210E93
	1205		BH22A			001
	1210		BH23A			002
	1215		BH24A			003
	1220		BH25A			004
	1225		BH28A			005
	1230		BH29A			006
	1235		BH30A			007
	1240		BH31A			008
	1245		BH32A			009
	1250		SW8A			010
	1255		SW9A			011
						012

Date:	10/31
Time:	0800
Relinquished by:	Liam Giersdorf 

Date: 10/16/2000	Time: 1:00 PM	Relinquished by: [Signature]
------------------	---------------	------------------------------

Received by:	Via:	Date	Time
Cunning		10/31/02	800

Received by: <i>[Signature]</i>	Via: <i>air</i>	Date: <i>11/22/20</i>	Time: <i>3:20</i>
---------------------------------	-----------------	-----------------------	-------------------

Turn-Around Time: ☒ Standard ☐ Rush 5 day

Project Name: 12 Sagunaro Water Trans-

Project #: 12585792

Project Manager: Nate Rocco
JT Murray

Sampler: Liam Glerdsdorf
 On Ice: ☒ Yes ☐ No
 # of Coolers: 1

Cooler Temp (including CF): $3.5 = 3.5 (^{\circ}\text{C})$

Container Type and #	Preservative Type	HEAL No. 7210EE93
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59	100	001
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200

003

004				
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900	500
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7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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010					
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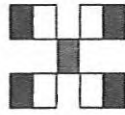
011	017
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Received by: _____ Via: _____ Date _____ Time _____

Decided by	Date	Time
Quinn	11/31/22	8:00

Received by _____ via _____ Date _____ Time _____

Contracted to other accredited laboratories. This serves as notice of this



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTX / MTBE / TMB's (8021)	X	
TPH:8015D(GRO / DRO / MRO)	X	
8081 Pesticides/8082 PCB's		
EDB (Method 504.1)		
PAHs by 8310 or 8270SIMS		
RCRA 8 Metals		
☑ C, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	X	
8260 (VOA)	N	
8270 (Semi-VOA)	pad	
Total Coliform (Present/Absent)	300	

Remarks: Please email chase_settle@nyres.org or jtmurray@ghd.com; amber-griffin@nyres.org or liam.giersdorf@ghd.com; matthew_laughlin@ghd.com; along w/ VateReece. Bill to Chase Settle, GOB

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro

Work Order: E211030

Job Number: 19034-0001

Received: 11/4/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/10/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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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: 11/10/22



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

Project Name: 12585792 Saguaro
Workorder: E211030
Date Received: 11/4/2022 10:15:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2022 10:15:00AM, under the Project Name: 12585792 Saguaro.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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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:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/22 09:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1A	E211030-01A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
SW2A	E211030-02A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
SW3A	E211030-03A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
SW4A	E211030-04A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
SW5A	E211030-05A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
BH35A	E211030-06A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
SW17A	E211030-07A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
SW18A	E211030-08A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
SW20	E211030-09A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
BH9B	E211030-10A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
BH10B	E211030-11A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
SW21	E211030-12A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.
SW22	E211030-13A	Soil	11/02/22	11/04/22	Glass Jar, 4 oz.



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/2022 9:42:26AM

SW1A

E211030-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2246003
Benzene	ND	0.0250	1	11/07/22	11/07/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/07/22	
Toluene	ND	0.0250	1	11/07/22	11/07/22	
o-Xylene	ND	0.0250	1	11/07/22	11/07/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/07/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/07/22	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2246003
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	83.2 %	70-130		11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2246016
Diesel Range Organics (C10-C28)	ND	25.0	1	11/08/22	11/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/08/22	
Surrogate: n-Nonane	112 %	50-200		11/08/22	11/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2246009
Chloride	175	20.0	1	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	Reported: 11/10/2022 9:42:26AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW2A

E211030-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Benzene	ND	0.0250	1	11/07/22	11/07/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/07/22	
Toluene	ND	0.0250	1	11/07/22	11/07/22	
o-Xylene	ND	0.0250	1	11/07/22	11/07/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/07/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.8 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246016	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/08/22	11/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/08/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	11/08/22	11/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246009	
Chloride	1710	100	5	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/2022 9:42:26AM

SW3A

E211030-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Benzene	ND	0.0250	1	11/07/22	11/07/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/07/22	
Toluene	ND	0.0250	1	11/07/22	11/07/22	
o-Xylene	ND	0.0250	1	11/07/22	11/07/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/07/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.9 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246016	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/08/22	11/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/08/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	11/08/22	11/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246009	
Chloride	2300	100	5	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 11/10/2022 9:42:26AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW4A

E211030-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Benzene	ND	0.0250	1	11/07/22	11/07/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/07/22	
Toluene	ND	0.0250	1	11/07/22	11/07/22	
o-Xylene	ND	0.0250	1	11/07/22	11/07/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/07/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.3 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246016	
Diesel Range Organics (C10-C28)	29.6	25.0	1	11/08/22	11/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/08/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/08/22	11/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246009	
Chloride	894	200	10	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	Reported: 11/10/2022 9:42:26AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW5A

E211030-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Benzene	ND	0.0250	1	11/07/22	11/07/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/07/22	
Toluene	ND	0.0250	1	11/07/22	11/07/22	
o-Xylene	ND	0.0250	1	11/07/22	11/07/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/07/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.8 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246016	
Diesel Range Organics (C10-C28)	39.5	25.0	1	11/08/22	11/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/08/22	
<i>Surrogate: n-Nonane</i>		113 %	50-200	11/08/22	11/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246009	
Chloride	767	100	5	11/08/22	11/08/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/10/2022 9:42:26AM

BH35A

E211030-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246003
Benzene	ND	0.0250	1	11/07/22	11/07/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/07/22	
Toluene	ND	0.0250	1	11/07/22	11/07/22	
o-Xylene	ND	0.0250	1	11/07/22	11/07/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/07/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2246003
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		81.6 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246016
Diesel Range Organics (C10-C28)	ND	25.0	1	11/08/22	11/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/08/22	
<i>Surrogate: n-Nonane</i>						
		111 %	50-200	11/08/22	11/08/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246009
Chloride	4150	100	5	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/2022 9:42:26AM

SW17A

E211030-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2246003
Benzene	ND	0.0250	1	11/07/22	11/07/22	
Ethylbenzene	0.129	0.0250	1	11/07/22	11/07/22	
Toluene	0.0273	0.0250	1	11/07/22	11/07/22	
o-Xylene	0.0883	0.0250	1	11/07/22	11/07/22	
p,m-Xylene	0.430	0.0500	1	11/07/22	11/07/22	
Total Xylenes	0.518	0.0250	1	11/07/22	11/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2246003
Gasoline Range Organics (C6-C10)	22.2	20.0	1	11/07/22	11/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.9 %	70-130	11/07/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246016
Diesel Range Organics (C10-C28)	1620	25.0	1	11/08/22	11/08/22	
Oil Range Organics (C28-C36)	648	50.0	1	11/08/22	11/08/22	
<i>Surrogate: n-Nonane</i>		113 %	50-200	11/08/22	11/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246009
Chloride	776	200	10	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	Reported: 11/10/2022 9:42:26AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW18A

E211030-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Benzene	ND	0.0250	1	11/07/22	11/08/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/08/22	
Toluene	ND	0.0250	1	11/07/22	11/08/22	
o-Xylene	ND	0.0250	1	11/07/22	11/08/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/08/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.0 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246016	
Diesel Range Organics (C10-C28)	100	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	130	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		118 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246009	
Chloride	1160	200	10	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/2022 9:42:26AM

SW20

E211030-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2246003
Benzene	ND	0.0250	1	11/07/22	11/08/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/08/22	
Toluene	ND	0.0250	1	11/07/22	11/08/22	
o-Xylene	ND	0.0250	1	11/07/22	11/08/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/08/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2246003
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		78.8 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246016
Diesel Range Organics (C10-C28)	ND	25.0	1	11/08/22	11/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/08/22	
<i>Surrogate: n-Nonane</i>		116 %	50-200	11/08/22	11/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246009
Chloride	430	20.0	1	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/2022 9:42:26AM

BH9B

E211030-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Benzene	ND	0.0250	1	11/07/22	11/08/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/08/22	
Toluene	ND	0.0250	1	11/07/22	11/08/22	
o-Xylene	ND	0.0250	1	11/07/22	11/08/22	
p,m-Xylene	0.0571	0.0500	1	11/07/22	11/08/22	
Total Xylenes	0.0571	0.0250	1	11/07/22	11/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.6 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246016	
Diesel Range Organics (C10-C28)	56.9	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246009	
Chloride	2340	400	20	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 11/10/2022 9:42:26AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH10B

E211030-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Benzene	ND	0.0250	1	11/07/22	11/08/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/08/22	
Toluene	ND	0.0250	1	11/07/22	11/08/22	
o-Xylene	ND	0.0250	1	11/07/22	11/08/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/08/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.3 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246016	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		119 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246009	
Chloride	1480	100	5	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	Reported: 11/10/2022 9:42:26AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW21

E211030-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Benzene	ND	0.0250	1	11/07/22	11/08/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/08/22	
Toluene	ND	0.0250	1	11/07/22	11/08/22	
o-Xylene	ND	0.0250	1	11/07/22	11/08/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/08/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2246003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.8 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246016	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		119 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246009	
Chloride	4500	400	20	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/2022 9:42:26AM

SW22

E211030-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2246003
Benzene	ND	0.0250	1	11/07/22	11/08/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/08/22	
Toluene	ND	0.0250	1	11/07/22	11/08/22	
o-Xylene	ND	0.0250	1	11/07/22	11/08/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/08/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2246003
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.4 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246016
Diesel Range Organics (C10-C28)	38.6	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		119 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246009
Chloride	1730	400	20	11/08/22	11/09/22	



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/2022 9:42:26AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2246003-BLK1)

Prepared: 11/07/22 Analyzed: 11/08/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130			

LCS (2246003-BS1)

Prepared: 11/07/22 Analyzed: 11/07/22

Benzene	5.25	0.0250	5.00		105	70-130			
Ethylbenzene	4.10	0.0250	5.00		82.1	70-130			
Toluene	4.40	0.0250	5.00		88.0	70-130			
o-Xylene	4.16	0.0250	5.00		83.2	70-130			
p,m-Xylene	8.35	0.0500	10.0		83.5	70-130			
Total Xylenes	12.5	0.0250	15.0		83.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130			

Matrix Spike (2246003-MS1)

Source: E211030-01

Prepared: 11/07/22 Analyzed: 11/07/22

Benzene	5.68	0.0250	5.00	ND	114	54-133			
Ethylbenzene	4.40	0.0250	5.00	ND	88.1	61-133			
Toluene	4.75	0.0250	5.00	ND	95.0	61-130			
o-Xylene	4.49	0.0250	5.00	ND	89.8	63-131			
p,m-Xylene	8.96	0.0500	10.0	ND	89.6	63-131			
Total Xylenes	13.4	0.0250	15.0	ND	89.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.19		8.00		102	70-130			

Matrix Spike Dup (2246003-MSD1)

Source: E211030-01

Prepared: 11/07/22 Analyzed: 11/07/22

Benzene	5.94	0.0250	5.00	ND	119	54-133	4.36	20	
Ethylbenzene	4.62	0.0250	5.00	ND	92.3	61-133	4.70	20	
Toluene	4.96	0.0250	5.00	ND	99.3	61-130	4.40	20	
o-Xylene	4.69	0.0250	5.00	ND	93.8	63-131	4.40	20	
p,m-Xylene	9.37	0.0500	10.0	ND	93.7	63-131	4.51	20	
Total Xylenes	14.1	0.0250	15.0	ND	93.8	63-131	4.48	20	
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/2022 9:42:26AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2246003-BLK1)

Prepared: 11/07/22 Analyzed: 11/08/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.01		8.00		75.1	70-130			

LCS (2246003-BS2)

Prepared: 11/07/22 Analyzed: 11/07/22

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			

Matrix Spike (2246003-MS2)

Source: E211030-01

Prepared: 11/07/22 Analyzed: 11/07/22

Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.60		8.00		82.4	70-130			

Matrix Spike Dup (2246003-MSD2)

Source: E211030-01

Prepared: 11/07/22 Analyzed: 11/07/22

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130	3.34	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.73		8.00		84.2	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/2022 9:42:26AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2246016-BLK1) Prepared: 11/08/22 Analyzed: 11/08/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.1		50.0		116	50-200			

LCS (2246016-BS1) Prepared: 11/08/22 Analyzed: 11/08/22

Diesel Range Organics (C10-C28)	200	25.0	250		80.0	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			

Matrix Spike (2246016-MS1) Source: E211030-08 Prepared: 11/08/22 Analyzed: 11/08/22

Diesel Range Organics (C10-C28)	267	25.0	250	100	66.7	38-132			
Surrogate: n-Nonane	57.3		50.0		115	50-200			

Matrix Spike Dup (2246016-MSD1) Source: E211030-08 Prepared: 11/08/22 Analyzed: 11/08/22

Diesel Range Organics (C10-C28)	281	25.0	250	100	72.2	38-132	5.08	20	
Surrogate: n-Nonane	50.4		50.0		101	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/2022 9:42:26AM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2246009-BLK1)					Prepared: 11/08/22 Analyzed: 11/08/22				
Chloride	ND	20.0							
LCS (2246009-BS1)					Prepared: 11/08/22 Analyzed: 11/09/22				
Chloride	274	20.0	250		109	90-110			
LCS Dup (2246009-BSD1)					Prepared: 11/08/22 Analyzed: 11/09/22				
Chloride	264	20.0	250		106	90-110	3.54	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:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/10/22 09:42

- 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.

Project Information

Chain of Custody

Page 1 of 1

Client: GHD Project: 12585792 <i>Saguaro</i> Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:		Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com		Lab Use Only Lab WO# E211030 Job Number 19034-0001		TAT 1D 2D 3D Standard		EPA Program CWA SDWA	
				Analysis and Method TPH GRO/DRO/ORO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM GDOC TX		State NM CO UT AZ TX		RCRA	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	GDOC TX	Remarks
1100	1102	S	2	SW1A	1	X	X			X			
1105				SW2A	2								
1100				SW3A	3								
1115				SW4A	4								
1120				SW5A	5								
1125				BH35A	6								
1130				SW17A	7								
1135				SW18A	8								
1140				SW20	9								
1430				BH9B	10								

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location date or time of collection is considered fraud and may be grounds for legal action.						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.					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C 4			

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



envirotech

Envirotech Analytical Laboratory

Printed: 11/4/2022 11:02:44AM

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:	11/04/22 10:15	Work Order ID:	E211030
Phone:	(505) 884-0672	Date Logged In:	11/04/22 10:52	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	11/10/22 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro

Work Order: E211035

Job Number: 19034-0001

Received: 11/7/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/11/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 11/11/22



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

Project Name: 12585792 Saguaro
Workorder: E211035
Date Received: 11/7/2022 11:15:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/7/2022 11:15:00AM, under the Project Name: 12585792 Saguaro.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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labadmin@envirotech-inc.com

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ljjarboe@envirotech-inc.com

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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:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/22 16:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH11B	E211035-01A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
BH12B	E211035-02A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
BH13B	E211035-03A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
BH14B	E211035-04A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
BH16B	E211035-05A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
SW19A	E211035-06A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
SW6A	E211035-07A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
SW7A	E211035-08A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
SW15A	E211035-09A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
SW16A	E211035-10A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
SW23	E211035-11A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
SW24	E211035-12A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
SW25	E211035-13A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
SW26	E211035-14A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
BH19A	E211035-15A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
BH20A	E211035-16A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
BH26A	E211035-17A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
BH27A	E211035-18A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.
SW27	E211035-19A	Soil	11/03/22	11/07/22	Glass Jar, 2 oz.



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

BH11B

E211035-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/08/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/08/22	
Toluene	ND	0.0250	1	11/07/22	11/08/22	
o-Xylene	ND	0.0250	1	11/07/22	11/08/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/08/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		79.2 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	843	25.0	1	11/08/22	11/11/22	
Oil Range Organics (C28-C36)	328	50.0	1	11/08/22	11/11/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	11/08/22	11/11/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	ND	200	10	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

BH12B

E211035-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/08/22	
Ethylbenzene	0.0253	0.0250	1	11/07/22	11/08/22	
Toluene	ND	0.0250	1	11/07/22	11/08/22	
o-Xylene	0.0368	0.0250	1	11/07/22	11/08/22	
p,m-Xylene	0.0808	0.0500	1	11/07/22	11/08/22	
Total Xylenes	0.118	0.0250	1	11/07/22	11/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.9 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	561	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	211	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		121 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	ND	200	10	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

BH13B

E211035-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/08/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/08/22	
Toluene	ND	0.0250	1	11/07/22	11/08/22	
o-Xylene	ND	0.0250	1	11/07/22	11/08/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/08/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.6 %	70-130	11/07/22	11/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	27.5	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		127 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	422	200	10	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

BH14B

E211035-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/09/22	
Toluene	ND	0.0250	1	11/07/22	11/09/22	
o-Xylene	0.0299	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	0.0668	0.0500	1	11/07/22	11/09/22	
Total Xylenes	0.0967	0.0250	1	11/07/22	11/09/22	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.5 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	420	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	155	50.0	1	11/08/22	11/09/22	
Surrogate: n-Nonane		121 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	539	200	10	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

BH16B

E211035-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	0.0534	0.0250	1	11/07/22	11/09/22	
Toluene	ND	0.0250	1	11/07/22	11/09/22	
o-Xylene	0.0622	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	0.300	0.0500	1	11/07/22	11/09/22	
Total Xylenes	0.362	0.0250	1	11/07/22	11/09/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		115 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/09/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.4 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	1280	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	467	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		119 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	482	200	10	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

SW19A

E211035-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	0.861	0.0250	1	11/07/22	11/09/22	
Toluene	0.359	0.0250	1	11/07/22	11/09/22	
o-Xylene	0.426	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	3.13	0.0500	1	11/07/22	11/09/22	
Total Xylenes	3.55	0.0250	1	11/07/22	11/09/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		115 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	104	20.0	1	11/07/22	11/09/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	5610	125	5	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	2050	250	5	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		144 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	2020	400	20	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	Reported: 11/11/2022 4:49:07PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW6A

E211035-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2246011	
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	0.0347	0.0250	1	11/07/22	11/09/22	
Toluene	0.0269	0.0250	1	11/07/22	11/09/22	
o-Xylene	ND	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/09/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/09/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2246011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/09/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.1 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246017	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		127 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246022	
Chloride	563	200	10	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

SW7A

E211035-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	0.0541	0.0250	1	11/07/22	11/09/22	
Toluene	ND	0.0250	1	11/07/22	11/09/22	
o-Xylene	0.0328	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/09/22	
Total Xylenes	0.0328	0.0250	1	11/07/22	11/09/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/09/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		79.4 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	863	125	5	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	645	250	5	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		147 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	1180	200	10	11/08/22	11/08/22	



Sample Data

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

Project Name: 12585792 Saguaro
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/11/2022 4:49:07PM

SW15A

E211035-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2246011	
Benzene	0.0340	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	1.05	0.0250	1	11/07/22	11/09/22	
Toluene	0.271	0.0250	1	11/07/22	11/09/22	
o-Xylene	1.80	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	3.40	0.0500	1	11/07/22	11/09/22	
Total Xylenes	5.20	0.0250	1	11/07/22	11/09/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		121 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2246011	
Gasoline Range Organics (C6-C10)	109	20.0	1	11/07/22	11/09/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2246017	
Diesel Range Organics (C10-C28)	6840	125	5	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	2470	250	5	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		141 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: KL		Batch: 2246022	
Chloride	1230	400	20	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

SW16A

E211035-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	0.269	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	1.25	0.0250	1	11/07/22	11/09/22	
Toluene	0.311	0.0250	1	11/07/22	11/09/22	
o-Xylene	1.83	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	3.59	0.0500	1	11/07/22	11/09/22	
Total Xylenes	5.42	0.0250	1	11/07/22	11/09/22	
Surrogate: 4-Bromochlorobenzene-PID		119 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	107	20.0	1	11/07/22	11/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	7940	125	5	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	3090	250	5	11/08/22	11/09/22	
Surrogate: n-Nonane		137 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	2510	400	20	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

SW23

E211035-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2246011	
Benzene	ND	0.250	10	11/07/22	11/11/22	
Ethylbenzene	1.07	0.250	10	11/07/22	11/11/22	
Toluene	0.717	0.250	10	11/07/22	11/11/22	
o-Xylene	ND	0.250	10	11/07/22	11/11/22	
p,m-Xylene	2.31	0.500	10	11/07/22	11/11/22	
Total Xylenes	2.31	0.250	10	11/07/22	11/11/22	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		11/07/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2246011	
Gasoline Range Organics (C6-C10)	ND	200	10	11/07/22	11/11/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	84.3 %	70-130		11/07/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246017	
Diesel Range Organics (C10-C28)	1820	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	623	50.0	1	11/08/22	11/09/22	
Surrogate: n-Nonane	141 %	50-200		11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246022	
Chloride	1590	400	20	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

SW24

E211035-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	0.0711	0.0250	1	11/07/22	11/09/22	
Toluene	0.0298	0.0250	1	11/07/22	11/09/22	
o-Xylene	0.0513	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	0.348	0.0500	1	11/07/22	11/09/22	
Total Xylenes	0.399	0.0250	1	11/07/22	11/09/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/09/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.0 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	1440	50.0	2	11/08/22	11/11/22	
Oil Range Organics (C28-C36)	556	100	2	11/08/22	11/11/22	
<i>Surrogate: n-Nonane</i>		115 %	50-200	11/08/22	11/11/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	1900	400	20	11/08/22	11/08/22	



Sample Data

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

Project Name: 12585792 Saguaro
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/11/2022 4:49:07PM

SW25

E211035-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	0.116	0.0250	1	11/07/22	11/09/22	
Toluene	0.0269	0.0250	1	11/07/22	11/09/22	
o-Xylene	0.215	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	0.484	0.0500	1	11/07/22	11/09/22	
Total Xylenes	0.699	0.0250	1	11/07/22	11/09/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	25.5	20.0	1	11/07/22	11/09/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.6 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	1660	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	784	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>						
		114 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	1680	400	20	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

SW26

E211035-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	0.450	0.0250	1	11/07/22	11/09/22	
Toluene	0.113	0.0250	1	11/07/22	11/09/22	
o-Xylene	0.209	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	1.16	0.0500	1	11/07/22	11/09/22	
Total Xylenes	1.37	0.0250	1	11/07/22	11/09/22	
Surrogate: 4-Bromochlorobenzene-PID		117 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	56.0	20.0	1	11/07/22	11/09/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.8 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	1770	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	696	50.0	1	11/08/22	11/09/22	
Surrogate: n-Nonane		115 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	901	400	20	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

BH19A

E211035-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	0.657	0.0250	1	11/07/22	11/09/22	
Toluene	0.220	0.0250	1	11/07/22	11/09/22	
o-Xylene	0.325	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	2.16	0.0500	1	11/07/22	11/09/22	
Total Xylenes	2.49	0.0250	1	11/07/22	11/09/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		125 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	84.2	20.0	1	11/07/22	11/09/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.7 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	2190	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	869	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	1900	400	20	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 11/11/2022 4:49:07PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH20A

E211035-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2246011	
Benzene	ND	0.0250	1	11/07/22	11/11/22	
Ethylbenzene	ND	0.0250	1	11/07/22	11/11/22	
Toluene	ND	0.0250	1	11/07/22	11/11/22	
o-Xylene	ND	0.0250	1	11/07/22	11/11/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/11/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/07/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2246011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		83.3 %	70-130	11/07/22	11/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246017	
Diesel Range Organics (C10-C28)	1360	50.0	2	11/08/22	11/11/22	
Oil Range Organics (C28-C36)	537	100	2	11/08/22	11/11/22	
<i>Surrogate: n-Nonane</i>		115 %	50-200	11/08/22	11/11/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246022	
Chloride	686	200	10	11/08/22	11/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

BH26A

E211035-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	0.191	0.0250	1	11/07/22	11/09/22	
Toluene	0.0838	0.0250	1	11/07/22	11/09/22	
o-Xylene	0.280	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	0.923	0.0500	1	11/07/22	11/09/22	
Total Xylenes	1.20	0.0250	1	11/07/22	11/09/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		118 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2246011
Gasoline Range Organics (C6-C10)	41.2	20.0	1	11/07/22	11/09/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.0 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2246017
Diesel Range Organics (C10-C28)	1500	25.0	1	11/08/22	11/09/22	
Oil Range Organics (C28-C36)	590	50.0	1	11/08/22	11/09/22	
<i>Surrogate: n-Nonane</i>		112 %	50-200	11/08/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2246022
Chloride	655	200	10	11/08/22	11/09/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	Reported: 11/11/2022 4:49:07PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW27

E211035-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2246011	
Benzene	ND	0.0250	1	11/07/22	11/09/22	
Ethylbenzene	0.0299	0.0250	1	11/07/22	11/09/22	
Toluene	ND	0.0250	1	11/07/22	11/09/22	
o-Xylene	ND	0.0250	1	11/07/22	11/09/22	
p,m-Xylene	ND	0.0500	1	11/07/22	11/09/22	
Total Xylenes	ND	0.0250	1	11/07/22	11/09/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2246011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/22	11/09/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.4 %	70-130	11/07/22	11/09/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2246017	
Diesel Range Organics (C10-C28)	168	25.0	1	11/08/22	11/11/22	
Oil Range Organics (C28-C36)	104	50.0	1	11/08/22	11/11/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/08/22	11/11/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2246022	
Chloride	529	200	10	11/08/22	11/09/22	



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2246011-BLK1)

Prepared: 11/07/22 Analyzed: 11/08/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.19		8.00		102	70-130			

LCS (2246011-BS1)

Prepared: 11/07/22 Analyzed: 11/08/22

Benzene	5.54	0.0250	5.00		111	70-130			
Ethylbenzene	4.27	0.0250	5.00		85.4	70-130			
Toluene	4.62	0.0250	5.00		92.4	70-130			
o-Xylene	4.39	0.0250	5.00		87.8	70-130			
p,m-Xylene	8.68	0.0500	10.0		86.8	70-130			
Total Xylenes	13.1	0.0250	15.0		87.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.71		8.00		109	70-130			

Matrix Spike (2246011-MS1)

Source: E211035-03

Prepared: 11/07/22 Analyzed: 11/08/22

Benzene	5.70	0.0250	5.00	ND	114	54-133			
Ethylbenzene	4.41	0.0250	5.00	ND	88.1	61-133			
Toluene	4.77	0.0250	5.00	ND	95.3	61-130			
o-Xylene	4.52	0.0250	5.00	ND	90.4	63-131			
p,m-Xylene	8.96	0.0500	10.0	ND	89.6	63-131			
Total Xylenes	13.5	0.0250	15.0	ND	89.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.57		8.00		107	70-130			

Matrix Spike Dup (2246011-MSD1)

Source: E211035-03

Prepared: 11/07/22 Analyzed: 11/08/22

Benzene	5.96	0.0250	5.00	ND	119	54-133	4.47	20	
Ethylbenzene	4.65	0.0250	5.00	ND	93.1	61-133	5.46	20	
Toluene	5.01	0.0250	5.00	ND	100	61-130	4.92	20	
o-Xylene	4.77	0.0250	5.00	ND	95.4	63-131	5.35	20	
p,m-Xylene	9.47	0.0500	10.0	ND	94.7	63-131	5.52	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.9	63-131	5.46	20	
Surrogate: 4-Bromochlorobenzene-PID	8.59		8.00		107	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2246011-BLK1)

Prepared: 11/07/22 Analyzed: 11/08/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			

LCS (2246011-BS2)

Prepared: 11/07/22 Analyzed: 11/08/22

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.80		8.00		85.0	70-130			

Matrix Spike (2246011-MS2)

Source: E211035-03

Prepared: 11/07/22 Analyzed: 11/08/22

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.80		8.00		85.0	70-130			

Matrix Spike Dup (2246011-MSD2)

Source: E211035-03

Prepared: 11/07/22 Analyzed: 11/08/22

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130	0.476	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.66		8.00		83.3	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2246017-BLK1)

Prepared: 11/08/22 Analyzed: 11/09/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.0		50.0		118	50-200			

LCS (2246017-BS1)

Prepared: 11/08/22 Analyzed: 11/09/22

Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	65.5		50.0		131	50-200			

Matrix Spike (2246017-MS1)

Source: E211035-10

Prepared: 11/08/22 Analyzed: 11/09/22

Diesel Range Organics (C10-C28)	5310	125	250	7940	NR	38-132			M4
Surrogate: n-Nonane	68.6		50.0		137	50-200			

Matrix Spike Dup (2246017-MSD1)

Source: E211035-10

Prepared: 11/08/22 Analyzed: 11/09/22

Diesel Range Organics (C10-C28)	7880	125	250	7940	NR	38-132	39.1	20	M4, R3
Surrogate: n-Nonane	69.5		50.0		139	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/2022 4:49:07PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2246022-BLK1)					Prepared: 11/08/22 Analyzed: 11/08/22				
Chloride	ND	20.0							
LCS (2246022-BS1)					Prepared: 11/08/22 Analyzed: 11/08/22				
Chloride	273	20.0	250		109	90-110			
Matrix Spike (2246022-MS1)					Source: E211035-01		Prepared: 11/08/22 Analyzed: 11/10/22		
Chloride	353	200	250	ND	141	80-120			M4
Matrix Spike Dup (2246022-MSD1)					Source: E211035-01		Prepared: 11/08/22 Analyzed: 11/10/22		
Chloride	347	200	250	ND	139	80-120	1.70	20	M4

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:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/11/22 16:49

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

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.



Project Information

Chain of Custody

Page 1 of 2

Client: GHD Project: 12585292 Saguro Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:		Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com		Lab Use Only Lab WO# E211035 Job Number 19034-0001		TAT 1D 2D 3D Standard		EPA Program CWA SDWA	
				Analysis and Method				RCRA	
				TPH GRO/DRO/ORO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM GDOC TX				State NM CO UT AZ TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
1500	1103	S	1	BH11B	1	X	X	X					
1505				BH12B	2								
1510				BH13B	3								
1515				BH14B	4								
1520				BH16B	5								
1525				SW19A	6								
1530				SW6A	7								
1535				SW7A	8								
1540				SW15A	9								
1545				SW16A	10								

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.glersdorf@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Liam Glersdorf

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.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 T2 T3 AVG Temp °C <u>4</u>
<u>[Signature]</u>	1104	0800	<u>[Signature]</u>	11-4-22	10:30	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	11-4-22	3:30	<u>[Signature]</u>	11/7/22	11:15	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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Project Information

Chain of Custody

Page 2 of 2

Client: GHD Project: 12585792 Saguro Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:		Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com		Lab Use Only Lab WO# E211035 Job Number 19031-0001		TAT 1D 2D 3D Standard <input checked="" type="checkbox"/>		EPA Program CWA SDWA RCRA	
				Analysis and Method TPH GRO/DRO/GRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM GDOC TX		State NM CO UT AZ TX <input checked="" type="checkbox"/>			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/GRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
1550	11/03	S	1	SW23	11	X	X			X			
1555				SW24	12								
1600				SW25	13								
1605				SW26	14								
1610				BH19A	15								
1615				BH20A	16								
1620				BH26A	17								
1625				BH27A	18								
1630	✓	✓	✓	SW27	19	✓	✓			✓			

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						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.					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only			
		11/04	0800			11-4-22	10:30	Received on ice: <input checked="" type="checkbox"/> N			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3			
		11-4-22	3:30			11/7/22	11:15				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>			

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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Envirotech Analytical Laboratory

Printed: 11/8/2022 1:30:31PM

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:	11/07/22 11:15	Work Order ID:	E211035
Phone:	(505) 884-0672	Date Logged In:	11/07/22 11:21	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	11/11/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? No
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: UPSComments/Resolution

Did not receive sample BH27A.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Project Information

Chain of Custody

Page 1 of 2

Client: GHD					Bill To					Lab Use Only					TAT				EPA Program					
Project: <u>12585792 Saguaro</u>					Attention: EOG Amber Griffin					Lab WO# <u>E211035</u>					Job Number <u>19034-0001</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: Nate Reece / JT Murrey					Address: 1045 4th St.																			
Address: 6121 Indian School Rd. NE St. 200					City, State, Zip: Artesia, NM 88210																			
City, State, Zip: Albuquerque, NM 87110					Phone:																			
Phone: (281) 386-7158					Email: amber_griffin@eogresources.com																			
Email: nate.reece@ghd.com																								
Report due by:																								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8060	Metals 6010	Chloride 300.0			BGDOC		TX									
1500	1103	S	1	BH11B	1	X	X	X																
1505				BH12B	2																			
1510				BH13B	3																			
1515				BH14B	4																			
1520				BH16B	5																			
1525				SW19A	6																			
1530				SW6A	7																			
1535				SW7A	8																			
1540				SW1SA	9																			
1545				SW16A	10																			
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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.												
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only												
		1104		0800				11-4-22		10:30		Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N												
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1												
		11-4-22		3:30				11/7/22		11:15		T2												
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T3												
												AVG Temp °C <u>4</u>												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA												
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																								


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Project Information

Chain of Custody

Page 2 of 2

Client: GHD Project: 12585792 Saguro Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:		Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com		Lab Use Only Lab WO# E211035 Job Number 190310001 Analysis and Method		TAT 1D 2D 3D Standard		EPA Program CWA SDWA RCRA	
				Analysis and Method TPH GRO/DRO/ORO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM GDOC TX		State NM CO UT AZ TX		Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
1550	1103	S	1	SW23	11	*	*			*			
1555				SW24	12								
1600				SW25	13								
1605				SW26	14								
1610				BH19A	15								
1615				BH20A	16								
1620				BH26A	17								
1625				BH27A	18								
1630	✓	✓	✓	SW27	19	✓	✓			✓			Did not receive sample 11/8/22 CC

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

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.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 T2 T3 AVG Temp °C 4
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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Report to:
Nate Reece



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Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro Water Transfer

Work Order: E211080

Job Number: 19034-0001

Received: 11/15/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/5/22



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

Project Name: 12585792 Saguaro Water Transfer
Workorder: E211080
Date Received: 11/15/2022 10:07:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/15/2022 10:07:00AM, under the Project Name: 12585792 Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/05/22 14:54

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH27B	E211080-01A	Soil	11/10/22	11/15/22	Glass Jar, 2 oz.
BH18B	E211080-02A	Soil	11/10/22	11/15/22	Glass Jar, 2 oz.



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:54:44PM

BH27B

E211080-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2247006	
Benzene	ND	0.0250	1	11/15/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/15/22	11/15/22	
Toluene	ND	0.0250	1	11/15/22	11/15/22	
o-Xylene	ND	0.0250	1	11/15/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/15/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/15/22	11/15/22	
<i>Surrogate: Bromofluorobenzene</i>	99.3 %	70-130		11/15/22	11/15/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	93.9 %	70-130		11/15/22	11/15/22	
<i>Surrogate: Toluene-d8</i>	101 %	70-130		11/15/22	11/15/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2247006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/22	11/15/22	
<i>Surrogate: Bromofluorobenzene</i>	99.3 %	70-130		11/15/22	11/15/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	93.9 %	70-130		11/15/22	11/15/22	
<i>Surrogate: Toluene-d8</i>	101 %	70-130		11/15/22	11/15/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2247031	
Diesel Range Organics (C10-C28)	1290	25.0	1	11/16/22	11/17/22	
Oil Range Organics (C28-C36)	1610	50.0	1	11/16/22	11/17/22	
<i>Surrogate: n-Nonane</i>	114 %	50-200		11/16/22	11/17/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2247027	
Chloride	35.0	20.0	1	11/15/22	11/17/22	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/5/2022 2:54:44PM

BH18B

E211080-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247006
Benzene	ND	0.0250	1	11/15/22	11/15/22	
Ethylbenzene	ND	0.0250	1	11/15/22	11/15/22	
Toluene	ND	0.0250	1	11/15/22	11/15/22	
o-Xylene	ND	0.0250	1	11/15/22	11/15/22	
p,m-Xylene	ND	0.0500	1	11/15/22	11/15/22	
Total Xylenes	ND	0.0250	1	11/15/22	11/15/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		11/15/22	11/15/22	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		11/15/22	11/15/22	
Surrogate: Toluene-d8	99.2 %	70-130		11/15/22	11/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2247006
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/15/22	11/15/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		11/15/22	11/15/22	
Surrogate: 1,2-Dichloroethane-d4	97.1 %	70-130		11/15/22	11/15/22	
Surrogate: Toluene-d8	99.2 %	70-130		11/15/22	11/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247031
Diesel Range Organics (C10-C28)	39.3	25.0	1	11/16/22	11/18/22	
Oil Range Organics (C28-C36)	67.0	50.0	1	11/16/22	11/18/22	
Surrogate: n-Nonane	100 %	50-200		11/16/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2247027
Chloride	117	20.0	1	11/15/22	11/17/22	



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:54:44PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2247006-BLK1)

Prepared: 11/14/22 Analyzed: 11/15/22

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	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

LCS (2247006-BS1)

Prepared: 11/14/22 Analyzed: 11/15/22

Benzene	2.52	0.0250	2.50		101	70-130			
Ethylbenzene	2.55	0.0250	2.50		102	70-130			
Toluene	2.57	0.0250	2.50		103	70-130			
o-Xylene	2.71	0.0250	2.50		108	70-130			
p,m-Xylene	5.17	0.0500	5.00		103	70-130			
Total Xylenes	7.87	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			

Matrix Spike (2247006-MS1)

Source: E211072-03

Prepared: 11/14/22 Analyzed: 11/15/22

Benzene	2.31	0.0250	2.50	ND	92.4	48-131			
Ethylbenzene	2.36	0.0250	2.50	ND	94.5	45-135			
Toluene	2.38	0.0250	2.50	ND	95.2	48-130			
o-Xylene	2.50	0.0250	2.50	ND	99.9	43-135			
p,m-Xylene	4.78	0.0500	5.00	ND	95.6	43-135			
Total Xylenes	7.28	0.0250	7.50	ND	97.0	43-135			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

Matrix Spike Dup (2247006-MSD1)

Source: E211072-03

Prepared: 11/14/22 Analyzed: 11/15/22

Benzene	2.43	0.0250	2.50	ND	97.1	48-131	5.00	23	
Ethylbenzene	2.47	0.0250	2.50	ND	98.9	45-135	4.53	27	
Toluene	2.48	0.0250	2.50	ND	99.3	48-130	4.20	24	
o-Xylene	2.61	0.0250	2.50	ND	105	43-135	4.48	27	
p,m-Xylene	5.01	0.0500	5.00	ND	100	43-135	4.71	27	
Total Xylenes	7.62	0.0250	7.50	ND	102	43-135	4.63	27	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:54:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2247006-BLK1)

Prepared: 11/14/22 Analyzed: 11/15/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

LCS (2247006-BS2)

Prepared: 11/14/22 Analyzed: 11/15/22

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

Matrix Spike (2247006-MS2)

Source: E211072-03

Prepared: 11/14/22 Analyzed: 11/15/22

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	ND	96.2	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

Matrix Spike Dup (2247006-MSD2)

Source: E211072-03

Prepared: 11/14/22 Analyzed: 11/15/22

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.6	70-130	2.70	20	
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:54:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2247031-BLK1)

Prepared: 11/16/22 Analyzed: 11/17/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.3		50.0		109	50-200			

LCS (2247031-BS1)

Prepared: 11/16/22 Analyzed: 11/17/22

Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	53.1		50.0		106	50-200			

Matrix Spike (2247031-MS1)

Source: E211081-04

Prepared: 11/16/22 Analyzed: 11/18/22

Diesel Range Organics (C10-C28)	916	50.0	250	517	159	38-132			M2
Surrogate: n-Nonane	45.6		50.0		91.2	50-200			

Matrix Spike Dup (2247031-MSD1)

Source: E211081-04

Prepared: 11/16/22 Analyzed: 11/18/22

Diesel Range Organics (C10-C28)	784	50.0	250	517	107	38-132	15.5	20	
Surrogate: n-Nonane	48.9		50.0		97.8	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:54:44PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2247027-BLK1)					Prepared: 11/15/22 Analyzed: 11/17/22				
Chloride	ND	20.0							
LCS (2247027-BS1)					Prepared: 11/15/22 Analyzed: 11/17/22				
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2247027-MS1)					Source: E211075-01		Prepared: 11/15/22 Analyzed: 11/17/22		
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2247027-MSD1)					Source: E211075-01		Prepared: 11/15/22 Analyzed: 11/17/22		
Chloride	253	20.0	250	ND	101	80-120	0.810	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:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/05/22 14:54

- M2 Matrix spike recovery was outside quality control 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.



Page of

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.glersdorf@ghd.com

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.

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

on the report.

 **envirotech**

Envirotech Analytical Laboratory

Printed: 11/15/2022 3:51:12PM

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:	11/15/22 10:07	Work Order ID:	E211080
Phone:	(505) 884-0672	Date Logged In:	11/15/22 10:11	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	11/18/22 17:00 (3 day TAT)		

Chain of Custody (COC)

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

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

Carrier: UPSComments/Resolution

Original COC not received. Photo of COC was used for login of Analysis.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Chain of Custody

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murray@ghd.com; liam.glersdorf@ghd.com

Additional Instructions: Please ensure that the following information is provided for each sample:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: _____ Date: 11/02/2011 Time: 10:00

Received by: (Signature) _____ Date: 11/02/2011 Time: 10:00

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.

1, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with the date or time of collection is considered fraud and may be grounds for legal action.				Sampled by:		Lab Use Only	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on Ice: <input checked="" type="radio"/> Y <input type="radio"/> N	
<i>[Signature]</i>	11-1-22	08:00	<i>[Signature]</i>	11-11-22	10:30		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____	
<i>[Signature]</i>	11-14-22	10:43	<i>[Signature]</i>	11-15-22	10:07		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C <u>4</u>	
<i>[Signature]</i>						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	
The report for the analysis of the above sample will be returned to client or disposed of at the client expense.							

Sludge, A - Aqueous, O - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA
 Sludge, **A** - Aqueous, **O** - Other
 Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above
 samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



envirotech

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Saguaro 12585792

Work Order: E211094

Job Number: 19034-0001

Received: 11/17/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/18/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 11/18/22

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



Project Name: Saguaro 12585792
Workorder: E211094
Date Received: 11/17/2022 10:35:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/17/2022 10:35:00AM, under the Project Name: Saguaro 12585792.

The analytical test results summarized in this report with the Project Name: Saguaro 12585792 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
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Sample Summary

GHD	Project Name:	Saguaro 12585792	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/18/22 16:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW8B	E211094-01A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
SW9B	E211094-02A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
BH21B	E211094-03A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
BH22B	E211094-04A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
BH23B	E211094-05A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
BH28B	E211094-06A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
BH29B	E211094-07A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
BH30B	E211094-08A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
BH35B	E211094-09A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
SW21A	E211094-10A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
SW29	E211094-11A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
BH9C	E211094-12A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
BH10C	E211094-13A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
SW22A	E211094-14A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
SW30	E211094-15A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
SW28	E211094-16A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
SW2B	E211094-17A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
SW3B	E211094-18A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
SW4B	E211094-19A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.
SW5B	E211094-20A	Soil	11/15/22	11/17/22	Glass Jar, 4 oz.



Sample Data

GHD	Project Name:	Saguaro 12585792	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/18/2022 4:55:48PM

SW8B

E211094-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2247063	
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
<i>Surrogate: Bromofluorobenzene</i>	103 %	70-130		11/17/22	11/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97.1 %	70-130		11/17/22	11/17/22	
<i>Surrogate: Toluene-d8</i>	102 %	70-130		11/17/22	11/17/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2247063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
<i>Surrogate: Bromofluorobenzene</i>	103 %	70-130		11/17/22	11/17/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97.1 %	70-130		11/17/22	11/17/22	
<i>Surrogate: Toluene-d8</i>	102 %	70-130		11/17/22	11/17/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2247059	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
<i>Surrogate: n-Nonane</i>	107 %	50-200		11/17/22	11/17/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2247061	
Chloride	803	200	10	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

SW9B

E211094-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	102 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	102 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane	115 %	50-200		11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	1610	40.0	2	11/17/22	11/17/22	



Sample Data

GHD	Project Name:	Saguaro 12585792	Reported: 11/18/2022 4:55:48PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH21B

E211094-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		102 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		102 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	1440	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	1380	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane		106 %	50-200	11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	459	400	20	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

BH22B

E211094-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		104 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		93.4 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		104 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		93.4 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	340	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	349	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane		110 %	50-200	11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	968	400	20	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

BH23B

E211094-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		104 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		94.0 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		104 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		94.0 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	464	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	788	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane		109 %	50-200	11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	1490	400	20	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

BH28B

E211094-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		104 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		93.7 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		104 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		93.7 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	296	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	177	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane		98.4 %	50-200	11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	831	400	20	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

BH29B

E211094-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	98.5 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	98.5 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	330	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	197	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane	105 %	50-200		11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	898	400	20	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

BH30B

E211094-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	99.0 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	99.0 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	1630	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	820	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane	110 %	50-200		11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	634	400	20	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

BH35B

E211094-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		102 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		102 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	302	25.0	1	11/17/22	11/18/22	
Oil Range Organics (C28-C36)	150	50.0	1	11/17/22	11/18/22	
Surrogate: n-Nonane		107 %	50-200	11/17/22	11/18/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	9400	1000	50	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

SW21A

E211094-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	99.6 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	99.6 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	32.5	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane	105 %	50-200		11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	23300	2000	100	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

SW29

E211094-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		100 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		101 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane		115 %	50-200	11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	1390	400	20	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

BH9C

E211094-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	100 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	100 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane	97.9 %	50-200		11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	3040	400	20	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

BH10C

E211094-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane	105 %	50-200		11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	780	400	20	11/17/22	11/17/22	



Sample Data

GHD	Project Name:	Saguaro 12585792	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/18/2022 4:55:48PM

SW22A

E211094-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		105 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		97.8 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	22.3	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		105 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		97.8 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	739	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	337	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane		112 %	50-200	11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	2450	400	20	11/17/22	11/17/22	



Sample Data

GHD	Project Name:	Saguaro 12585792	Reported: 11/18/2022 4:55:48PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW30

E211094-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		105 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		93.6 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		105 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		93.6 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane		111 %	50-200	11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	699	400	20	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

SW28

E211094-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		105 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		95.3 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		105 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		95.3 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	55.9	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane		111 %	50-200	11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	1500	400	20	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

SW2B

E211094-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2247063	
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		104 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		93.3 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2247063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene		104 %	70-130	11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	11/17/22	11/17/22	
Surrogate: Toluene-d8		93.3 %	70-130	11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2247059	
Diesel Range Organics (C10-C28)	263	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	247	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane		111 %	50-200	11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2247061	
Chloride	2050	200	10	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

SW3B

E211094-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	101 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane	112 %	50-200		11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	960	20.0	1	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

SW4B

E211094-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	99.9 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	99.9 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane	117 %	50-200		11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	1710	40.0	2	11/17/22	11/17/22	



Sample Data

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

Project Name: Saguaro 12585792
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
11/18/2022 4:55:48PM

SW5B

E211094-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Benzene	ND	0.0250	1	11/17/22	11/17/22	
Ethylbenzene	ND	0.0250	1	11/17/22	11/17/22	
Toluene	ND	0.0250	1	11/17/22	11/17/22	
o-Xylene	ND	0.0250	1	11/17/22	11/17/22	
p,m-Xylene	ND	0.0500	1	11/17/22	11/17/22	
Total Xylenes	ND	0.0250	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	99.9 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2247063
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/22	11/17/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		11/17/22	11/17/22	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		11/17/22	11/17/22	
Surrogate: Toluene-d8	99.9 %	70-130		11/17/22	11/17/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2247059
Diesel Range Organics (C10-C28)	ND	25.0	1	11/17/22	11/17/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/22	11/17/22	
Surrogate: n-Nonane	111 %	50-200		11/17/22	11/17/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2247061
Chloride	670	20.0	1	11/17/22	11/17/22	



QC Summary Data

GHD	Project Name:	Saguaro 12585792	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/18/2022 4:55:48PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2247063-BLK1)

Prepared: 11/17/22 Analyzed: 11/17/22

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	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS (2247063-BS1)

Prepared: 11/17/22 Analyzed: 11/17/22

Benzene	2.56	0.0250	2.50		102	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.6	70-130			
Toluene	2.33	0.0250	2.50		93.3	70-130			
o-Xylene	2.27	0.0250	2.50		90.8	70-130			
p,m-Xylene	4.49	0.0500	5.00		89.8	70-130			
Total Xylenes	6.76	0.0250	7.50		90.1	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

LCS Dup (2247063-BSD1)

Prepared: 11/17/22 Analyzed: 11/17/22

Benzene	2.55	0.0250	2.50		102	70-130	0.215	23	
Ethylbenzene	2.41	0.0250	2.50		96.6	70-130	1.02	27	
Toluene	2.36	0.0250	2.50		94.5	70-130	1.36	24	
o-Xylene	2.30	0.0250	2.50		92.1	70-130	1.40	27	
p,m-Xylene	4.53	0.0500	5.00		90.7	70-130	0.987	27	
Total Xylenes	6.84	0.0250	7.50		91.1	70-130	1.13	27	
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

GHD	Project Name:	Saguaro 12585792	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/18/2022 4:55:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2247063-BLK1)

Prepared: 11/17/22 Analyzed: 11/17/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS (2247063-BS2)

Prepared: 11/17/22 Analyzed: 11/17/22

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS Dup (2247063-BSD2)

Prepared: 11/17/22 Analyzed: 11/17/22

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130	0.888	20	
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



QC Summary Data

GHD	Project Name:	Saguaro 12585792	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/18/2022 4:55:48PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2247059-BLK1)

Prepared: 11/17/22 Analyzed: 11/17/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.7		50.0		117	50-200			

LCS (2247059-BS1)

Prepared: 11/17/22 Analyzed: 11/17/22

Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	53.2		50.0		106	50-200			

Matrix Spike (2247059-MS1)

Source: E211094-04

Prepared: 11/17/22 Analyzed: 11/17/22

Diesel Range Organics (C10-C28)	632	25.0	250	340	117	38-132			
Surrogate: n-Nonane	55.0		50.0		110	50-200			

Matrix Spike Dup (2247059-MSD1)

Source: E211094-04

Prepared: 11/17/22 Analyzed: 11/17/22

Diesel Range Organics (C10-C28)	621	25.0	250	340	112	38-132	1.90	20	
Surrogate: n-Nonane	54.4		50.0		109	50-200			



QC Summary Data

GHD	Project Name:	Saguaro 12585792	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/18/2022 4:55:48PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2247061-BLK1)					Prepared: 11/17/22 Analyzed: 11/17/22				
Chloride	ND	20.0							
LCS (2247061-BS1)					Prepared: 11/17/22 Analyzed: 11/17/22				
Chloride	250	20.0	250		99.8	90-110			
Matrix Spike (2247061-MS1)					Source: E211094-01		Prepared: 11/17/22 Analyzed: 11/17/22		
Chloride	1010	200	250	803	81.9	80-120			
Matrix Spike Dup (2247061-MSD1)					Source: E211094-01		Prepared: 11/17/22 Analyzed: 11/17/22		
Chloride	985	200	250	803	72.6	80-120	2.33	20	M2

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:	Saguaro 12585792	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	11/18/22 16:55

- M2 Matrix spike recovery was outside quality control 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.

Project Information

Chain of Custody

Page 1 of 4

Client: GHD Project: <u>Saguaro 12585792</u> Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# <u>E 211094</u> Job Number <u>19034-0001</u> Analysis and Method TPH GRO/DRO/ORO by 8015 <input checked="" type="checkbox"/> BTEX by 8021 <input checked="" type="checkbox"/> VOC by 8260 <input checked="" type="checkbox"/> Metals 6010 <input checked="" type="checkbox"/> Chloride 300.0 <input checked="" type="checkbox"/> BGDOC NM <input checked="" type="checkbox"/> GDGC TX <input checked="" type="checkbox"/>					TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard			EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
										State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>									
										Remarks									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX							
1000	11/15	S	1	SW8B	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>									
1005				SW9B	2														
1010				BH21B	3														
1015				BH22B	4														
1025				BH23B	5														
1030				BH28B	6														
1035				BH29B	7														
1040				BH30B	8														
1045				BH35B	9														
1050				SW21A	10														
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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.									
Relinquished by: (Signature) <u>Liam Giersdorf</u> Date <u>11/16</u> Time <u>1000</u>										Received by: (Signature) <u>Michelle L. Gundersen</u> Date <u>11-16-22</u> Time <u>1000</u>									
Relinquished by: (Signature) <u>Michelle L. Gundersen</u> Date <u>11-16-22</u> Time <u>1530</u>										Received by: (Signature) <u>Carth Chate</u> Date <u>11/17/22</u> Time <u>10:35</u>									
Relinquished by: (Signature) _____ Date _____ Time _____										Received by: (Signature) _____ Date _____ Time _____									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			


envirotech

Released to Imaging: 4/17/2023 9:52:33 AM

Received by OCD: 3/1/2023 4:33:15 PM

Project Information

Chain of Custody

Client: GHD Project: Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:	Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com	Lab Use Only Lab WO# E211094 Job Number 19034-000	TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard	EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/> State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC	TX	Remarks
055	11/15	S	1	SW29	11	X	X			X			
1100				BH9C	12								
1105				BH10C	13								
1110				SW22A	14								
1115				SW30	15								
1120				SW28	16								
1125				SW2B	17								
1130				SW3B	18								
1135				SW4B	19								
1140				SW5B	20								

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						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.					
Sampled by: <u>Liam Giersdorf</u>											
Relinquished by: (Signature) <u>Liam Giersdorf</u>	Date 11/16	Time 1000	Received by: (Signature) <u>Michelle R. Gup</u>	Date 11-16-22	Time 1000	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>					
Relinquished by: (Signature) <u>Michelle R. Gup</u>	Date 11-16-22	Time 1530	Received by: (Signature) <u>Autha Carter</u>	Date 11/17/22	Time 10:35						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time						

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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Envirotech Analytical Laboratory

Printed: 11/17/2022 11:44:24AM

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:	11/17/22 10:35	Work Order ID:	E211094
Phone:	(505) 884-0672	Date Logged In:	11/17/22 09:19	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	11/17/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro

Work Order: E211138

Job Number: 19034-0001

Received: 11/23/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/5/22



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

Project Name: 12585792 Saguaro
Workorder: E211138
Date Received: 11/23/2022 11:00:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/23/2022 11:00:00AM, under the Project Name: 12585792 Saguaro.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/05/22 14:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW2C	E211138-01A	Soil	11/21/22	11/23/22	Glass Jar, 4 oz.
SW3C	E211138-02A	Soil	11/21/22	11/23/22	Glass Jar, 4 oz.
SW4C	E211138-03A	Soil	11/21/22	11/23/22	Glass Jar, 4 oz.
SW21B	E211138-04A	Soil	11/21/22	11/23/22	Glass Jar, 4 oz.
SW29A	E211138-05A	Soil	11/21/22	11/23/22	Glass Jar, 4 oz.
BH35C	E211138-06A	Soil	11/21/22	11/23/22	Glass Jar, 4 oz.
SW22B	E211138-07A	Soil	11/21/22	11/23/22	Glass Jar, 4 oz.
SW30A	E211138-08A	Soil	11/21/22	11/23/22	Glass Jar, 4 oz.
BH9D	E211138-09A	Soil	11/21/22	11/23/22	Glass Jar, 4 oz.
BH10D	E211138-10A	Soil	11/21/22	11/23/22	Glass Jar, 4 oz.



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

SW2C

E211138-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2248067
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	0.142	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>96.7 %</i>	<i>70-130</i>		<i>11/23/22</i>	<i>11/23/22</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2248067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>94.8 %</i>	<i>70-130</i>		<i>11/23/22</i>	<i>11/23/22</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2248057
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>	<i>93.5 %</i>	<i>50-200</i>		<i>11/23/22</i>	<i>11/23/22</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2248059
Chloride	691	400	20	11/23/22	11/23/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

SW3C

E211138-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.6 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2248067
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2248057
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2248059
Chloride	735	400	20	11/23/22	11/23/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

SW4C

E211138-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2248057	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		108 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2248059	
Chloride	571	400	20	11/23/22	11/23/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

SW21B

E211138-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2248057	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2248059	
Chloride	2780	400	20	11/23/22	11/23/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

SW29A

E211138-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2248057	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2248059	
Chloride	464	400	20	11/23/22	11/23/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

BH35C

E211138-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.0 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2248057	
Diesel Range Organics (C10-C28)	66.8	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2248059	
Chloride	1190	400	20	11/23/22	11/23/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

SW22B

E211138-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2248057	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		104 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2248059	
Chloride	1120	400	20	11/23/22	11/23/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

SW30A

E211138-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.9 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2248057	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		107 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2248059	
Chloride	606	400	20	11/23/22	11/23/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

BH9D

E211138-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		74.4 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2248057	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2248059	
Chloride	955	400	20	11/23/22	11/23/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

BH10D

E211138-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Benzene	ND	0.0250	1	11/23/22	11/23/22	
Ethylbenzene	ND	0.0250	1	11/23/22	11/23/22	
Toluene	ND	0.0250	1	11/23/22	11/23/22	
o-Xylene	ND	0.0250	1	11/23/22	11/23/22	
p,m-Xylene	ND	0.0500	1	11/23/22	11/23/22	
Total Xylenes	ND	0.0250	1	11/23/22	11/23/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2248067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/23/22	11/23/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		82.3 %	70-130	11/23/22	11/23/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2248057	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/23/22	11/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/23/22	11/23/22	
<i>Surrogate: n-Nonane</i>		106 %	50-200	11/23/22	11/23/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2248059	
Chloride	798	400	20	11/23/22	11/23/22	



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248067-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			

LCS (2248067-BS1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
o-Xylene	5.19	0.0250	5.00		104	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			

LCS Dup (2248067-BSD1)

Prepared: 11/23/22 Analyzed: 11/23/22

Benzene	5.05	0.0250	5.00		101	70-130	1.54	20	
Ethylbenzene	4.99	0.0250	5.00		99.7	70-130	0.974	20	
Toluene	5.14	0.0250	5.00		103	70-130	1.15	20	
o-Xylene	5.15	0.0250	5.00		103	70-130	0.808	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	0.749	20	
Total Xylenes	15.3	0.0250	15.0		102	70-130	0.769	20	
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248067-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			

LCS (2248067-BS2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.3	70-130			

LCS Dup (2248067-BSD2)

Prepared: 11/23/22 Analyzed: 11/23/22

Gasoline Range Organics (C6-C10)	49.2	20.0	50.0		98.3	70-130	3.96	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.2	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248057-BLK1)

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.3		50.0		98.7	50-200			

LCS (2248057-BS1)

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	218	25.0	250		87.3	38-132			
Surrogate: n-Nonane	53.1		50.0		106	50-200			

Matrix Spike (2248057-MS1)

Source: E211138-01

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	226	25.0	250	ND	90.3	38-132			
Surrogate: n-Nonane	51.4		50.0		103	50-200			

Matrix Spike Dup (2248057-MSD1)

Source: E211138-01

Prepared: 11/23/22 Analyzed: 11/23/22

Diesel Range Organics (C10-C28)	214	25.0	250	ND	85.7	38-132	5.24	20	
Surrogate: n-Nonane	53.9		50.0		108	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:35:38PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2248059-BLK1)					Prepared: 11/23/22 Analyzed: 11/28/22				
Chloride	ND	20.0							
LCS (2248059-BS1)					Prepared: 11/23/22 Analyzed: 11/28/22				
Chloride	246	20.0	250		98.6	90-110			
Matrix Spike (2248059-MS1)					Source: E211138-01		Prepared: 11/23/22 Analyzed: 11/28/22		
Chloride	872	400	250	691	72.6	80-120			M2
Matrix Spike Dup (2248059-MSD1)					Source: E211138-01		Prepared: 11/23/22 Analyzed: 11/28/22		
Chloride	1110	400	250	691	167	80-120	23.8	20	M2, R3

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:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/05/22 14:35

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

Client: GHD Project: 12585792 Saguario Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E211138 Job Number 19034-0001 Analysis and Method					TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
										State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>										
										TPH GRO/DRO/ORO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM GDOC TX										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks														
1515	11/21	S	1	SW2C	1	* * *														
1520				SW3C	2															
1525				SW4C	3															
1530				SW21B	4															
1535				SW29A	5															
1540				BH35C	6															
1545				SW22B	7															
1550				SW30A	8															
1555				BH9D	9															
1600				BH10D	10															
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Liam Giersdorf																				
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.																				
Relinquished by: (Signature)		Date 11/22		Time 0800		Received by: (Signature)		Date 11-22-22		Time 0800		Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N								
Relinquished by: (Signature)		Date 11-22-22		Time 1600		Received by: (Signature)		Date 11/23/22		Time 11:00		T1 _____ T2 _____ T3 _____								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C 4								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				


envirotech

Envirotech Analytical Laboratory

Printed: 11/23/2022 5:08:03PM

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:	11/23/22 11:00	Work Order ID:	E211138
Phone:	(505) 884-0672	Date Logged In:	11/22/22 16:39	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	11/28/22 17:00 (1 day TAT)		

Chain of Custody (COC)

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

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

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

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro

Work Order: E212001

Job Number: 19034-0001

Received: 12/1/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/5/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/5/22



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

Project Name: 12585792 Saguaro
Workorder: E212001
Date Received: 12/1/2022 11:30:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/1/2022 11:30:00AM, under the Project Name: 12585792 Saguaro.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/05/22 14:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW21C	E212001-01A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
BH35D	E212001-02A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
SW22C	E212001-03A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
SW30B	E212001-04A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
BH9E	E212001-05A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
BH10E	E212001-06A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
SW2D	E212001-07A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
SW3D	E212001-08A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
SW27A	E212001-09A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
SW28A	E212001-10A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
BH11C	E212001-11A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
BH12C	E212001-12A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
BH14C	E212001-13A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
BH16C	E212001-14A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.
BH18C	E212001-15A	Soil	11/29/22	12/01/22	Glass Jar, 4 oz.



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:59:02PM

SW21C

E212001-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2249055	
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
<i>Surrogate: Bromofluorobenzene</i>	95.8 %	70-130		12/01/22	12/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.3 %	70-130		12/01/22	12/01/22	
<i>Surrogate: Toluene-d8</i>	104 %	70-130		12/01/22	12/01/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2249055	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
<i>Surrogate: Bromofluorobenzene</i>	95.8 %	70-130		12/01/22	12/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.3 %	70-130		12/01/22	12/01/22	
<i>Surrogate: Toluene-d8</i>	104 %	70-130		12/01/22	12/01/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2249056	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
<i>Surrogate: n-Nonane</i>	111 %	50-200		12/01/22	12/01/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2249054	
Chloride	594	100	5	12/01/22	12/02/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/5/2022 2:59:02PM

BH35D

E212001-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	104 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	95.9 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	104 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	115 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	360	200	10	12/01/22	12/01/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:59:02PM

SW22C

E212001-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	107 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	107 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	434	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	213	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	106 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	413	200	10	12/01/22	12/01/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:59:02PM

SW30B

E212001-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	12/01/22	12/01/22	
Surrogate: Toluene-d8		104 %	70-130	12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	12/01/22	12/01/22	
Surrogate: Toluene-d8		104 %	70-130	12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane		116 %	50-200	12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	425	200	10	12/01/22	12/01/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/5/2022 2:59:02PM

BH9E
E212001-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	104 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	95.0 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	104 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	119 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	1110	400	20	12/01/22	12/01/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/5/2022 2:59:02PM

BH10E

E212001-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	102 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	95.6 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	102 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	119 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	465	200	10	12/01/22	12/01/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/5/2022 2:59:02PM

SW2D

E212001-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	102 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	102 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	123 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	447	400	20	12/01/22	12/01/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/5/2022 2:59:02PM

SW3D

E212001-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	105 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	98.9 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	105 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	109 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	1040	400	20	12/01/22	12/01/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/5/2022 2:59:02PM

SW27A

E212001-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	100 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	95.8 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	100 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	32.8	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	91.3 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	316	200	10	12/01/22	12/01/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:59:02PM

SW28A

E212001-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	100 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	98.1 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	100 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	98.5 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	1070	400	20	12/01/22	12/01/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/5/2022 2:59:02PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH11C

E212001-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	12/01/22	12/01/22	
Surrogate: Toluene-d8		99.9 %	70-130	12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	12/01/22	12/01/22	
Surrogate: Toluene-d8		99.9 %	70-130	12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	189	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	90.4	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane		96.5 %	50-200	12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	ND	400	20	12/01/22	12/01/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/5/2022 2:59:02PM

BH12C

E212001-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	99.5 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	99.5 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	46.3	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	109 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	533	200	10	12/01/22	12/01/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/5/2022 2:59:02PM

BH14C

E212001-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	100 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	100 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	102 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	ND	200	10	12/01/22	12/01/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:59:02PM

BH16C

E212001-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	0.0455	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	0.0935	0.0500	1	12/01/22	12/01/22	
Total Xylenes	0.0935	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	92.7 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	105 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	55.4	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	92.7 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	105 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	1360	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	528	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	95.6 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	633	400	20	12/01/22	12/01/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/5/2022 2:59:02PM

BH18C

E212001-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Benzene	ND	0.0250	1	12/01/22	12/01/22	
Ethylbenzene	ND	0.0250	1	12/01/22	12/01/22	
Toluene	ND	0.0250	1	12/01/22	12/01/22	
o-Xylene	ND	0.0250	1	12/01/22	12/01/22	
p,m-Xylene	ND	0.0500	1	12/01/22	12/01/22	
Total Xylenes	ND	0.0250	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	99.7 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2249055
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/01/22	12/01/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		12/01/22	12/01/22	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		12/01/22	12/01/22	
Surrogate: Toluene-d8	99.7 %	70-130		12/01/22	12/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2249056
Diesel Range Organics (C10-C28)	ND	25.0	1	12/01/22	12/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/01/22	12/01/22	
Surrogate: n-Nonane	108 %	50-200		12/01/22	12/01/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2249054
Chloride	ND	100	5	12/01/22	12/01/22	



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:59:02PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2249055-BLK1)

Prepared: 12/01/22 Analyzed: 12/01/22

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	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2249055-BS1)

Prepared: 12/01/22 Analyzed: 12/01/22

Benzene	2.50	0.0250	2.50		99.9	70-130			
Ethylbenzene	2.63	0.0250	2.50		105	70-130			
Toluene	2.54	0.0250	2.50		101	70-130			
o-Xylene	2.50	0.0250	2.50		99.9	70-130			
p,m-Xylene	4.96	0.0500	5.00		99.2	70-130			
Total Xylenes	7.46	0.0250	7.50		99.5	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike (2249055-MS1)

Source: E212001-01

Prepared: 12/01/22 Analyzed: 12/01/22

Benzene	2.10	0.0250	2.50	ND	83.9	48-131			
Ethylbenzene	2.18	0.0250	2.50	ND	87.3	45-135			
Toluene	2.08	0.0250	2.50	ND	83.3	48-130			
o-Xylene	2.09	0.0250	2.50	ND	83.5	43-135			
p,m-Xylene	4.14	0.0500	5.00	ND	82.8	43-135			
Total Xylenes	6.23	0.0250	7.50	ND	83.1	43-135			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike Dup (2249055-MSD1)

Source: E212001-01

Prepared: 12/01/22 Analyzed: 12/01/22

Benzene	2.21	0.0250	2.50	ND	88.3	48-131	5.11	23	
Ethylbenzene	2.26	0.0250	2.50	ND	90.4	45-135	3.56	27	
Toluene	2.21	0.0250	2.50	ND	88.3	48-130	5.90	24	
o-Xylene	2.17	0.0250	2.50	ND	86.7	43-135	3.76	27	
p,m-Xylene	4.28	0.0500	5.00	ND	85.7	43-135	3.38	27	
Total Xylenes	6.45	0.0250	7.50	ND	86.0	43-135	3.51	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:59:02PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2249055-BLK1)

Prepared: 12/01/22 Analyzed: 12/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2249055-BS2)

Prepared: 12/01/22 Analyzed: 12/01/22

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.7	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.536		0.500		107	70-130			

Matrix Spike (2249055-MS2)

Source: E212001-01

Prepared: 12/01/22 Analyzed: 12/01/22

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

Matrix Spike Dup (2249055-MSD2)

Source: E212001-01

Prepared: 12/01/22 Analyzed: 12/01/22

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.2	70-130	1.47	20	
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:59:02PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2249056-BLK1)

Prepared: 12/01/22 Analyzed: 12/01/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.2		50.0		120	50-200			

LCS (2249056-BS1)

Prepared: 12/01/22 Analyzed: 12/01/22

Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	58.8		50.0		118	50-200			

Matrix Spike (2249056-MS1)

Source: E212001-08

Prepared: 12/01/22 Analyzed: 12/01/22

Diesel Range Organics (C10-C28)	259	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	56.6		50.0		113	50-200			

Matrix Spike Dup (2249056-MSD1)

Source: E212001-08

Prepared: 12/01/22 Analyzed: 12/01/22

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	1.36	20	
Surrogate: n-Nonane	56.8		50.0		114	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/5/2022 2:59:02PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2249054-BLK1)					Prepared: 12/01/22 Analyzed: 12/01/22				
Chloride	ND	20.0							
LCS (2249054-BS1)					Prepared: 12/01/22 Analyzed: 12/01/22				
Chloride	266	20.0	250		106	90-110			
Matrix Spike (2249054-MS1)					Source: E212001-01		Prepared: 12/01/22 Analyzed: 12/02/22		
Chloride	975	100	250	594	153	80-120			M1
Matrix Spike Dup (2249054-MSD1)					Source: E212001-01		Prepared: 12/01/22 Analyzed: 12/02/22		
Chloride	869	100	250	594	110	80-120	11.5	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:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/05/22 14:59

- 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.

Project Information

Chain of Custody

Client: GHD		Bill To		Lab Use Only		TAT		EPA Program					
Project: 12585792 Saguaro		Attention: EOG Amber Griffin		Lab WO# E212001		Job Number 19034-0001		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Nate Reece / JT Murrey		Address: 1045 4th St.		City, State, Zip: Artesia, NM 88210		Analysis and Method						RCRA	
Address: 6121 Indian School Rd. NE St. 200		Phone:		Email: amber_griffin@eogresources.com									
City, State, Zip: Albuquerque, NM 87110													
Phone: (281)386-7158													
Email: nate.reece@ghd.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
1300	11/29	S	1	SW21C	1	X	X			X			
1305				BH35D	2								
1310				SW22C	3								
1315				SW30B	4								
1320				BH9E	5								
1325				BH10E	6								
1330				SW2D	7								
1335				SW3D	8								
1340				SW27A	9								
1345				SW28A	10								

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Liam Giersdorf

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.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>[Signature]</u>	11/30	0800	<u>Michelle R. Cuyler</u>	11-30-22	0800	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	11-30-22	11:15	<u>Chatter Chatter</u>	12/1/22	11:30	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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Client: GHD Project: 12585792 <i>Saguaro</i> Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:		Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com		Lab Use Only Lab WO# E 212001 Job Number 19034-0001		TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/>		EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
				Analysis and Method TPH GRO/DRO/ORO by 8015 <input checked="" type="checkbox"/> BTEX by 8021 <input checked="" type="checkbox"/> VOC by 8260 <input type="checkbox"/> Metals 6010 <input type="checkbox"/> Chloride 300.0 <input checked="" type="checkbox"/> BGDOC NM <input type="checkbox"/> GDGC TX <input type="checkbox"/>		State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX	Remarks
1430	11/24	S	1	BH11B	11	X	X			X			
1435	↓	↓	↓	BH12B	12	↓	↓			↓			
1440	↓	↓	↓	BH14B	13	↓	↓			↓			
1445	↓	↓	↓	BH16B	14	↓	↓			↓			
1450	↓	↓	↓	BH18B	15	↓	↓			↓			

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						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.					
Relinquished by: (Signature) <i>[Signature]</i> Date 11/30 Time 0800						Received by: (Signature) <i>[Signature]</i> Date 11-30-22 Time 0800					
Relinquished by: (Signature) <i>[Signature]</i> Date 11-30-22 Time 1615						Received by: (Signature) <i>[Signature]</i> Date 12/1/22 Time 11:30					
Relinquished by: (Signature) _____ Date _____ Time _____						Received by: (Signature) _____ Date _____ Time _____					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.											



envirotech

Envirotech Analytical Laboratory

Printed: 12/1/2022 12:35:44PM

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:	12/01/22 11:30	Work Order ID:	E212001
Phone:	(505) 884-0672	Date Logged In:	12/01/22 08:43	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	12/01/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Project Information

Chain of Custody

Page 1 of 2

Client: GHD Project: 12585792 <i>Saguaro</i> Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E212001 Job Number 19034-0001					TAT 1D <input checked="" type="checkbox"/> 2D <input checked="" type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/>	
										Analysis and Method									RCRA <input type="checkbox"/>	
															State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>					
															Remarks					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM		GDOC TX						
1300	11/29	S	1	SW21C	1	X	X			X										
1305				BH35D	2															
1310				SW22C	3															
1315				SW30B	4															
1320				BH9E	5															
1325				BH10E	6															
1330				SW2D	7															
1335				SW3D	8															
1340				SW27A	9															
1345				SW28A	10															
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											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.									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only												
<i>Liam Giersdorf</i>		11/30	0800	<i>Michelle K. Giersdorf</i>		11-30-22	0800	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____												
<i>Michelle K. Giersdorf</i>		11-30-22	1615	<i>Chatter Chatter</i>		12/1/22	11:30													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



envirotech

Client: GHD Project: 12585792 <i>Saguaro</i> Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E212001 Job Number 19034-0001		TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/>			EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/>			
										Analysis and Method							State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>	
										TPH GRO/DRO/ORO by 8015 <input checked="" type="checkbox"/> BTEX by 8021 <input checked="" type="checkbox"/> VOC by 8260 <input type="checkbox"/> Metals 6010 <input type="checkbox"/> Chloride 300.0 <input checked="" type="checkbox"/> BGD OC NM <input type="checkbox"/> GD OC TX <input type="checkbox"/>							Remarks	
Time Sampled Date Sampled Matrix No. of Containers Sample ID Lab Number																		
1430 1124 S 1 BH11B BH11C 11					X X X													
1435 1 1 BH12B BH12C 12																		
1440 1 1 BH14B BH14C 13																		
1445 1 1 BH16B BH16C 14																		
1450 1 1 BH18B BH18C 15																		
Sample ID change per N. Reece 12/2/22 <i>AM</i>																		
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.								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.										
Relinquished by: (Signature) <i>[Signature]</i>		Date 11/30		Time 0800		Received by: (Signature) <i>[Signature]</i>		Date 11-30-22		Time 0800		Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N						
Relinquished by: (Signature) <i>[Signature]</i>		Date 11-30-22		Time 1615		Received by: (Signature) <i>[Signature]</i>		Date 12/1/22		Time 11:30		T1 _____ T2 _____ T3 _____						
Relinquished by: (Signature) _____		Date _____		Time _____		Received by: (Signature) _____		Date _____		Time _____		AVG Temp °C 4						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____								Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro

Work Order: E212017

Job Number: 19034-0001

Received: 12/5/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/6/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/6/22



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

Project Name: 12585792 Saguaro
Workorder: E212017
Date Received: 12/5/2022 8:10:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/5/2022 8:10:00AM, under the Project Name: 12585792 Saguaro.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/06/22 14:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH19B	E212017-01A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
BH20B	E212017-02A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
BH21C	E212017-03A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
BH22C	E212017-04A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
BH23C	E212017-05A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
BH26B	E212017-06A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
BH27B2	E212017-07A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
BH28C	E212017-08A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
BH29C	E212017-09A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
BH30C	E212017-10A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
SW7B	E212017-11A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
SW8C	E212017-12A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
SW9C	E212017-13A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
SW23A	E212017-14A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
SW19B	E212017-15A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
SW24A	E212017-16A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
SW25A	E212017-17A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
SW26A	E212017-18A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
SW31	E212017-19A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.
SW32	E212017-20A	Soil	12/01/22	12/05/22	Glass Jar, 2 oz.



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/6/2022 2:49:55PM

BH19B

E212017-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22
Toluene	ND	0.0250	1	12/05/22	12/05/22
o-Xylene	ND	0.0250	1	12/05/22	12/05/22
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22
Surrogate: Bromofluorobenzene	101 %	70-130		12/05/22	12/05/22
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		12/05/22	12/05/22
Surrogate: Toluene-d8	104 %	70-130		12/05/22	12/05/22

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22
Surrogate: Bromofluorobenzene	101 %	70-130		12/05/22	12/05/22
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		12/05/22	12/05/22
Surrogate: Toluene-d8	104 %	70-130		12/05/22	12/05/22

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	251	25.0	1	12/05/22	12/05/22
Oil Range Organics (C28-C36)	103	50.0	1	12/05/22	12/05/22
Surrogate: n-Nonane	106 %	50-200		12/05/22	12/05/22

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2250012
Chloride	613	400	20	12/05/22	12/05/22



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

BH20B

E212017-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		105 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		105 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	277	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	118	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane		81.8 %	50-200	12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	ND	400	20	12/05/22	12/05/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/6/2022 2:49:55PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH21C

E212017-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		104 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		107 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		104 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		107 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	278	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	149	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane		98.2 %	50-200	12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	568	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

BH22C

E212017-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	105 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	99.5 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	105 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	130	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	75.9	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane	93.0 %	50-200		12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	ND	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

BH23C

E212017-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		104 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		104 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	215	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	127	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane		99.8 %	50-200	12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	407	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

BH26B

E212017-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	104 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	96.4 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	104 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane	96.6 %	50-200		12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	ND	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

BH27B2

E212017-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	104 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	104 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	559	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	314	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane	96.2 %	50-200		12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	ND	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

BH28C

E212017-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	101 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	101 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	280	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	167	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane	97.6 %	50-200		12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	ND	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

BH29C

E212017-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		105 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		92.9 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		105 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		92.9 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	282	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	158	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane		101 %	50-200	12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	ND	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

BH30C

E212017-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		107 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		92.1 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		107 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		92.1 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	291	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	159	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane		97.7 %	50-200	12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	422	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

SW7B

E212017-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		105 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		93.5 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		105 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		93.5 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	91.6	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	85.7	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane		94.7 %	50-200	12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	634	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

SW8C

E212017-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		105 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		94.5 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		105 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		94.5 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	157	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	122	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane		101 %	50-200	12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	918	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

SW9C

E212017-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		106 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		93.4 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		106 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		93.4 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane		192 %	50-200	12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	480	400	20	12/05/22	12/05/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/6/2022 2:49:55PM

SW23A

E212017-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		107 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		94.7 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		107 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		94.7 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	309	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	125	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane		102 %	50-200	12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	2120	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

SW19B

E212017-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		107 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		94.2 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		107 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		94.2 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	545	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	259	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane		106 %	50-200	12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	633	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

SW24A

E212017-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	99.9 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	99.7 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	99.9 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	175	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	106	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane	105 %	50-200		12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	453	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

SW25A

E212017-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	91.9 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	104 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	91.9 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	104 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	1520	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	812	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane	114 %	50-200		12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	937	400	20	12/05/22	12/05/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/6/2022 2:49:55PM

SW26A

E212017-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		99.7 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	12/05/22	12/05/22	
Surrogate: Toluene-d8		99.7 %	70-130	12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	820	25.0	1	12/05/22	12/06/22	
Oil Range Organics (C28-C36)	417	50.0	1	12/05/22	12/06/22	
Surrogate: n-Nonane		110 %	50-200	12/05/22	12/06/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	672	400	20	12/05/22	12/05/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/6/2022 2:49:55PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW31

E212017-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	98.9 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	99.6 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	98.9 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	133	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	105	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane	110 %	50-200		12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	417	400	20	12/05/22	12/05/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/6/2022 2:49:55PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW32

E212017-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Benzene	ND	0.0250	1	12/05/22	12/05/22	
Ethylbenzene	ND	0.0250	1	12/05/22	12/05/22	
Toluene	ND	0.0250	1	12/05/22	12/05/22	
o-Xylene	ND	0.0250	1	12/05/22	12/05/22	
p,m-Xylene	ND	0.0500	1	12/05/22	12/05/22	
Total Xylenes	ND	0.0250	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	99.3 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2250006
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/22	12/05/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/05/22	12/05/22	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		12/05/22	12/05/22	
Surrogate: Toluene-d8	99.3 %	70-130		12/05/22	12/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2250001
Diesel Range Organics (C10-C28)	443	25.0	1	12/05/22	12/05/22	
Oil Range Organics (C28-C36)	268	50.0	1	12/05/22	12/05/22	
Surrogate: n-Nonane	109 %	50-200		12/05/22	12/05/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2250012
Chloride	548	400	20	12/05/22	12/05/22	



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/6/2022 2:49:55PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2250006-BLK1)

Prepared: 12/05/22 Analyzed: 12/05/22

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	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

LCS (2250006-BS1)

Prepared: 12/05/22 Analyzed: 12/05/22

Benzene	2.34	0.0250	2.50		93.7	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.6	70-130			
Toluene	2.36	0.0250	2.50		94.4	70-130			
o-Xylene	2.45	0.0250	2.50		98.0	70-130			
p,m-Xylene	4.70	0.0500	5.00		94.0	70-130			
Total Xylenes	7.15	0.0250	7.50		95.3	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			

LCS Dup (2250006-BSD1)

Prepared: 12/05/22 Analyzed: 12/05/22

Benzene	2.59	0.0250	2.50		104	70-130	10.2	23	
Ethylbenzene	2.61	0.0250	2.50		105	70-130	11.0	27	
Toluene	2.63	0.0250	2.50		105	70-130	10.9	24	
o-Xylene	2.75	0.0250	2.50		110	70-130	11.6	27	
p,m-Xylene	5.25	0.0500	5.00		105	70-130	11.1	27	
Total Xylenes	8.00	0.0250	7.50		107	70-130	11.2	27	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/6/2022 2:49:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2250006-BLK1)

Prepared: 12/05/22 Analyzed: 12/05/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

LCS (2250006-BS2)

Prepared: 12/05/22 Analyzed: 12/05/22

Gasoline Range Organics (C6-C10)	59.3	20.0	50.0		119	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

LCS Dup (2250006-BSD2)

Prepared: 12/05/22 Analyzed: 12/05/22

Gasoline Range Organics (C6-C10)	59.1	20.0	50.0		118	70-130	0.221	20	
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/6/2022 2:49:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2250001-BLK1)

Prepared: 12/05/22 Analyzed: 12/05/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.7		50.0		117	50-200			

LCS (2250001-BS1)

Prepared: 12/05/22 Analyzed: 12/05/22

Diesel Range Organics (C10-C28)	224	25.0	250		89.6	38-132			
Surrogate: n-Nonane	57.0		50.0		114	50-200			

Matrix Spike (2250001-MS1)

Source: E212017-05

Prepared: 12/05/22 Analyzed: 12/05/22

Diesel Range Organics (C10-C28)	496	25.0	250	215	112	38-132			
Surrogate: n-Nonane	58.1		50.0		116	50-200			

Matrix Spike Dup (2250001-MSD1)

Source: E212017-05

Prepared: 12/05/22 Analyzed: 12/05/22

Diesel Range Organics (C10-C28)	520	25.0	250	215	122	38-132	4.80	20	
Surrogate: n-Nonane	26.9		50.0		53.7	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/6/2022 2:49:55PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2250012-BLK1)

Prepared: 12/05/22 Analyzed: 12/05/22

Chloride ND 20.0

LCS (2250012-BS1)

Prepared: 12/05/22 Analyzed: 12/05/22

Chloride 254 20.0 250 102 90-110

Matrix Spike (2250012-MS1)

Source: E212017-01

Prepared: 12/05/22 Analyzed: 12/05/22

Chloride 787 400 250 613 69.8 80-120 M2

Matrix Spike Dup (2250012-MSD1)

Source: E212017-01

Prepared: 12/05/22 Analyzed: 12/05/22

Chloride 990 400 250 613 151 80-120 22.8 20 M2, R3

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:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/06/22 14:49

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- 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.

Project Information

Chain of Custody

Client: GHD Project: 12585792 Saguro Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E212017 Job Number 19034-0001					TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/>			EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
					Analysis and Method TPH GRO/DRO/ORO by 8015 <input type="checkbox"/> BTEX by 8021 <input type="checkbox"/> VOC by 8260 <input type="checkbox"/> Metals 6010 <input type="checkbox"/> Chloride 300.0 <input type="checkbox"/> BGDOC NM <input type="checkbox"/> GDOC TX <input type="checkbox"/>					State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>					Remarks				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														
1100	1201	S	1	BH10B	1														
1105	1		1	BH20B	2														
1110			1	BH21C	3														
1115				BH22C	4														
1120				BH23C	5														
1125				BH26B	6														
1130				BH27BZ	7														
1135				BH28C	8														
1140				BH29C	9														
1145				BH30C	10														
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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.									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N							
Michelle Bengels		12-3-22		1800		Amber R. Griffin		12-2-22		1130		T1 _____ T2 _____ T3 _____							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C 4							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



Client: GHD Project: 12585792 <i>Saguaro</i> Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E212017 Job Number 19054-0001					TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
					Analysis and Method TPH GRO/DRO/ORO by 8015 <input checked="" type="checkbox"/> BTEX by 8021 <input checked="" type="checkbox"/> VOC by 8260 <input checked="" type="checkbox"/> Metals 6010 <input checked="" type="checkbox"/> Chloride 300.0 <input checked="" type="checkbox"/> BGDOC NM <input type="checkbox"/> GDOC TX <input type="checkbox"/>					State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks							
1300	1201	S	1	SW7B	11	X	X			X										
1305				SW8C	12															
1310				SW9C	13															
1315				SW23A	14															
1320				SW19B	15															
1325				SW24A	16															
1330				SW25A	17															
1335				SW26A	18															
1340				SW31	19															
1345				SW32	20															
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											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.									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



Envirotech Analytical Laboratory

Printed: 12/5/2022 11:35:12AM

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:	12/05/22 08:10	Work Order ID:	E212017
Phone:	(505) 884-0672	Date Logged In:	12/02/22 16:22	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	12/05/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro

Work Order: E212047

Job Number: 19034-0001

Received: 12/8/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/9/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/9/22



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

Project Name: 12585792 Saguaro
Workorder: E212047
Date Received: 12/8/2022 11:15:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/8/2022 11:15:00AM, under the Project Name: 12585792 Saguaro.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
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Raina Schwanz
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Alexa Michaels
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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:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/09/22 12:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW3E	E212047-01A	Soil	12/06/22	12/08/22	Glass Jar, 4 oz.
SW22D	E212047-02A	Soil	12/06/22	12/08/22	Glass Jar, 4 oz.
BH9F	E212047-03A	Soil	12/06/22	12/08/22	Glass Jar, 4 oz.



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/9/2022 12:33:09PM

SW3E

E212047-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2250066
Benzene	ND	0.0250	1	12/08/22	12/08/22	
Ethylbenzene	ND	0.0250	1	12/08/22	12/08/22	
Toluene	ND	0.0250	1	12/08/22	12/08/22	
o-Xylene	ND	0.0250	1	12/08/22	12/08/22	
p,m-Xylene	ND	0.0500	1	12/08/22	12/08/22	
Total Xylenes	ND	0.0250	1	12/08/22	12/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	100 %	70-130		12/08/22	12/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2250066
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/22	12/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.5 %	70-130		12/08/22	12/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2250068
Diesel Range Organics (C10-C28)	ND	25.0	1	12/08/22	12/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/08/22	12/08/22	
<i>Surrogate: n-Nonane</i>	120 %	50-200		12/08/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2250071
Chloride	804	200	10	12/08/22	12/08/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/9/2022 12:33:09PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW22D

E212047-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2250066	
Benzene	ND	0.0250	1	12/08/22	12/08/22	
Ethylbenzene	ND	0.0250	1	12/08/22	12/08/22	
Toluene	ND	0.0250	1	12/08/22	12/08/22	
o-Xylene	ND	0.0250	1	12/08/22	12/08/22	
p,m-Xylene	ND	0.0500	1	12/08/22	12/08/22	
Total Xylenes	ND	0.0250	1	12/08/22	12/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	12/08/22	12/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2250066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/22	12/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.7 %	70-130	12/08/22	12/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2250068	
Diesel Range Organics (C10-C28)	25.0	25.0	1	12/08/22	12/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/08/22	12/08/22	
<i>Surrogate: n-Nonane</i>		117 %	50-200	12/08/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2250071	
Chloride	272	200	10	12/08/22	12/08/22	



Sample Data

GHD	Project Name:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/9/2022 12:33:09PM

BH9F

E212047-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2250066	
Benzene	ND	0.0250	1	12/08/22	12/08/22	
Ethylbenzene	ND	0.0250	1	12/08/22	12/08/22	
Toluene	ND	0.0250	1	12/08/22	12/08/22	
o-Xylene	ND	0.0250	1	12/08/22	12/08/22	
p,m-Xylene	ND	0.0500	1	12/08/22	12/08/22	
Total Xylenes	ND	0.0250	1	12/08/22	12/08/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	12/08/22	12/08/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2250066	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/22	12/08/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.7 %	70-130	12/08/22	12/08/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2250068	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/08/22	12/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/08/22	12/08/22	
<i>Surrogate: n-Nonane</i>		91.6 %	50-200	12/08/22	12/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2250071	
Chloride	513	400	20	12/08/22	12/08/22	



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/9/2022 12:33:09PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2250066-BLK1)

Prepared: 12/08/22 Analyzed: 12/08/22

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	7.91		8.00		98.9	70-130			

LCS (2250066-BS1)

Prepared: 12/08/22 Analyzed: 12/08/22

Benzene	4.66	0.0250	5.00		93.1	70-130			
Ethylbenzene	4.80	0.0250	5.00		96.0	70-130			
Toluene	4.89	0.0250	5.00		97.8	70-130			
o-Xylene	4.96	0.0250	5.00		99.2	70-130			
p,m-Xylene	9.74	0.0500	10.0		97.4	70-130			
Total Xylenes	14.7	0.0250	15.0		98.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.26		8.00		103	70-130			

LCS Dup (2250066-BSD1)

Prepared: 12/08/22 Analyzed: 12/08/22

Benzene	4.13	0.0250	5.00		82.6	70-130	11.9	20	
Ethylbenzene	4.27	0.0250	5.00		85.5	70-130	11.6	20	
Toluene	4.35	0.0250	5.00		86.9	70-130	11.8	20	
o-Xylene	4.42	0.0250	5.00		88.4	70-130	11.6	20	
p,m-Xylene	8.67	0.0500	10.0		86.7	70-130	11.7	20	
Total Xylenes	13.1	0.0250	15.0		87.3	70-130	11.6	20	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/9/2022 12:33:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2250066-BLK1)

Prepared: 12/08/22 Analyzed: 12/08/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

LCS (2250066-BS2)

Prepared: 12/08/22 Analyzed: 12/08/22

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			

LCS Dup (2250066-BSD2)

Prepared: 12/08/22 Analyzed: 12/08/22

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.4	70-130	0.319	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/9/2022 12:33:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2250068-BLK1)					Prepared: 12/08/22 Analyzed: 12/08/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.9		50.0		118	50-200			

LCS (2250068-BS1)					Prepared: 12/08/22 Analyzed: 12/08/22				
Diesel Range Organics (C10-C28)	246	25.0	250		98.6	38-132			
Surrogate: n-Nonane	60.6		50.0		121	50-200			

Matrix Spike (2250068-MS1)					Source: E212048-06		Prepared: 12/08/22 Analyzed: 12/08/22		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			

Matrix Spike Dup (2250068-MSD1)					Source: E212048-06		Prepared: 12/08/22 Analyzed: 12/08/22		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	4.49	20	
Surrogate: n-Nonane	54.0		50.0		108	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/9/2022 12:33:09PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2250071-BLK1)

Prepared: 12/08/22 Analyzed: 12/08/22

Chloride ND 20.0

LCS (2250071-BS1)

Prepared: 12/08/22 Analyzed: 12/08/22

Chloride 252 20.0 250 101 90-110

Matrix Spike (2250071-MS1)

Source: E212047-01

Prepared: 12/08/22 Analyzed: 12/09/22

Chloride 1060 200 250 804 101 80-120

Matrix Spike Dup (2250071-MSD1)

Source: E212047-01

Prepared: 12/08/22 Analyzed: 12/09/22

Chloride 1090 200 250 804 113 80-120 2.87 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:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/09/22 12:33

- 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.



Page 13 of 14

Envirotech Analytical Laboratory

Printed: 12/8/2022 12:25:20PM

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:	12/08/22 11:15	Work Order ID:	E212047
Phone:	(505) 884-0672	Date Logged In:	12/08/22 08:32	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	12/08/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro

Work Order: E212072

Job Number: 19034-0001

Received: 12/14/2022

Revision: 3

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/19/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/19/22



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

Project Name: 12585792 Saguaro
Workorder: E212072
Date Received: 12/14/2022 10:45:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/14/2022 10:45:00AM, under the Project Name: 12585792 Saguaro.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Technical Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/22 10:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH19C	E212072-01A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH20C	E212072-02A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH26C	E212072-03A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH27C	E212072-04A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW23B	E212072-05A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW19C	E212072-06A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW24B	E212072-07A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW25B	E212072-08A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW26B	E212072-09A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH21D	E212072-10A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH22D	E212072-11A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH23D	E212072-12A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH28D	E212072-13A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH29D	E212072-14A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH30D	E212072-15A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW7C	E212072-16A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW8D	E212072-17A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW15B	E212072-18A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW16B	E212072-19A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW17B	E212072-20A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW18B	E212072-21A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW31A	E212072-22A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW32A	E212072-23A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH11D	E212072-24A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
BH16D	E212072-25A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW - 5C	E212072-26A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW - 3F	E212072-27A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.
SW28B	E212072-28A	Soil	12/12/22	12/14/22	Glass Jar, 2 oz.



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

BH19C

E212072-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2251040	
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	12/14/22	12/14/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	70-130	12/14/22	12/14/22	
<i>Surrogate: Toluene-d8</i>		87.0 %	70-130	12/14/22	12/14/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2251040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
<i>Surrogate: Bromofluorobenzene</i>		113 %	70-130	12/14/22	12/14/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %	70-130	12/14/22	12/14/22	
<i>Surrogate: Toluene-d8</i>		87.0 %	70-130	12/14/22	12/14/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2251035	
Diesel Range Organics (C10-C28)	1020	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	873	50.0	1	12/14/22	12/14/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	12/14/22	12/14/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2251045	
Chloride	854	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

BH20C

E212072-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		109 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		81.4 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		109 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		81.4 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	251	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	206	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane		106 %	50-200	12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	640	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

BH27C

E212072-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	12/14/22	12/14/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	12/14/22	12/14/22	
<i>Surrogate: Toluene-d8</i>		94.2 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	12/14/22	12/14/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	12/14/22	12/14/22	
<i>Surrogate: Toluene-d8</i>		94.2 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	172	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	202	50.0	1	12/14/22	12/14/22	
<i>Surrogate: n-Nonane</i>		101 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	ND	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

SW23B

E212072-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		110 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		87.5 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		110 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		87.5 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	226	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	239	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane		100 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	1510	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

SW19C

E212072-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		83.7 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		83.7 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	688	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	663	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane		101 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	755	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

SW24B

E212072-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		110 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		97.6 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		110 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		97.6 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	304	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	420	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane		104 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	ND	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

SW25B

E212072-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	89.7 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	90.0 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	89.7 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	90.0 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	405	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	253	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	88.2 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	426	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

SW26B

E212072-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.5 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	104 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	89.7	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	66.2	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	86.5 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	ND	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/19/2022 10:09:54AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH21D

E212072-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		109 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		109 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	1340	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	607	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane		88.9 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	451	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

BH22D

E212072-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		108 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		108 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	625	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	333	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane		93.2 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	ND	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

BH23D

E212072-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.8 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	239	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	142	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	89.8 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	438	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

BH28D

E212072-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		104 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		106 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		104 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	237	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	162	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane		93.1 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	444	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

BH29D

E212072-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	97.9 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	196	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	124	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	92.4 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	ND	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

BH30D

E212072-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
<i>Surrogate: Bromofluorobenzene</i>	98.7 %	70-130		12/14/22	12/14/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	99.0 %	70-130		12/14/22	12/14/22	
<i>Surrogate: Toluene-d8</i>	102 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
<i>Surrogate: Bromofluorobenzene</i>	98.7 %	70-130		12/14/22	12/14/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	99.0 %	70-130		12/14/22	12/14/22	
<i>Surrogate: Toluene-d8</i>	102 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	613	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	341	50.0	1	12/14/22	12/14/22	
<i>Surrogate: n-Nonane</i>	100 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	ND	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

SW7C

E212072-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	99.5 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.0 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	99.5 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	2930	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	1510	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	103 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	ND	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

SW8D

E212072-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		102 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		102 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	383	25.0	1	12/14/22	12/15/22	
Oil Range Organics (C28-C36)	450	50.0	1	12/14/22	12/15/22	
Surrogate: n-Nonane		97.8 %	50-200	12/14/22	12/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	619	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

SW15B

E212072-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	97.6 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	37.9	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	52.6	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	102 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	2060	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/19/2022 10:09:54AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW16B

E212072-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.7 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	853	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	573	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	107 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	1870	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

SW17B

E212072-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	99.0 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251040
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	99.0 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251035
Diesel Range Organics (C10-C28)	1560	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	970	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	91.9 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251045
Chloride	ND	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

SW18B

E212072-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
<i>Surrogate: Bromofluorobenzene</i>	99.4 %	70-130		12/14/22	12/14/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.4 %	70-130		12/14/22	12/14/22	
<i>Surrogate: Toluene-d8</i>	99.4 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
<i>Surrogate: Bromofluorobenzene</i>	99.4 %	70-130		12/14/22	12/14/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.4 %	70-130		12/14/22	12/14/22	
<i>Surrogate: Toluene-d8</i>	99.4 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2251037
Diesel Range Organics (C10-C28)	84.5	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	81.0	50.0	1	12/14/22	12/14/22	
<i>Surrogate: n-Nonane</i>	116 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2251046
Chloride	1480	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

SW31A

E212072-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	99.1 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	103 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251037
Diesel Range Organics (C10-C28)	40.0	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	109 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251046
Chloride	459	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

SW32A

E212072-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		119 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		90.1 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		119 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		90.1 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251037
Diesel Range Organics (C10-C28)	78.0	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane		112 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251046
Chloride	493	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

BH11D

E212072-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
<i>Surrogate: Bromofluorobenzene</i>		116 %	70-130	12/14/22	12/14/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	12/14/22	12/14/22	
<i>Surrogate: Toluene-d8</i>		97.5 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
<i>Surrogate: Bromofluorobenzene</i>		116 %	70-130	12/14/22	12/14/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	12/14/22	12/14/22	
<i>Surrogate: Toluene-d8</i>		97.5 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2251037
Diesel Range Organics (C10-C28)	71.1	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/22	12/14/22	
<i>Surrogate: n-Nonane</i>		103 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2251046
Chloride	ND	400	20	12/14/22	12/14/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/19/2022 10:09:54AM

BH16D

E212072-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		98.1 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	12/14/22	12/14/22	
Surrogate: Toluene-d8		98.1 %	70-130	12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251037
Diesel Range Organics (C10-C28)	1470	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	612	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane		109 %	50-200	12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251046
Chloride	921	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

SW - 5C

E212072-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	84.1 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	116 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	80.9 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	84.1 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	116 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	80.9 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251037
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	110 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251046
Chloride	418	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

SW - 3F

E212072-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	95.7 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	102 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2251037
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	113 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2251046
Chloride	715	400	20	12/14/22	12/14/22	



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

SW28B

E212072-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Benzene	ND	0.0250	1	12/14/22	12/14/22	
Ethylbenzene	ND	0.0250	1	12/14/22	12/14/22	
Toluene	ND	0.0250	1	12/14/22	12/14/22	
o-Xylene	ND	0.0250	1	12/14/22	12/14/22	
p,m-Xylene	ND	0.0500	1	12/14/22	12/14/22	
Total Xylenes	ND	0.0250	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2251041
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/14/22	12/14/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/14/22	12/14/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		12/14/22	12/14/22	
Surrogate: Toluene-d8	101 %	70-130		12/14/22	12/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2251037
Diesel Range Organics (C10-C28)	158	25.0	1	12/14/22	12/14/22	
Oil Range Organics (C28-C36)	78.0	50.0	1	12/14/22	12/14/22	
Surrogate: n-Nonane	112 %	50-200		12/14/22	12/14/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2251046
Chloride	844	400	20	12/14/22	12/14/22	



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2251040-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

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	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2251040-BS1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	2.53	0.0250	2.50		101	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Toluene	2.56	0.0250	2.50		102	70-130			
o-Xylene	2.65	0.0250	2.50		106	70-130			
p,m-Xylene	5.10	0.0500	5.00		102	70-130			
Total Xylenes	7.75	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS Dup (2251040-BSD1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	2.49	0.0250	2.50		99.5	70-130	1.81	23	
Ethylbenzene	2.45	0.0250	2.50		97.8	70-130	3.46	27	
Toluene	2.49	0.0250	2.50		99.4	70-130	2.95	24	
o-Xylene	2.58	0.0250	2.50		103	70-130	2.98	27	
p,m-Xylene	4.92	0.0500	5.00		98.4	70-130	3.44	27	
Total Xylenes	7.50	0.0250	7.50		100	70-130	3.29	27	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2251041-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

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	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

LCS (2251041-BS1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	2.38	0.0250	2.50		95.2	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.1	70-130			
Toluene	2.44	0.0250	2.50		97.7	70-130			
o-Xylene	2.35	0.0250	2.50		93.9	70-130			
p,m-Xylene	4.67	0.0500	5.00		93.4	70-130			
Total Xylenes	7.02	0.0250	7.50		93.6	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS Dup (2251041-BSD1)

Prepared: 12/14/22 Analyzed: 12/14/22

Benzene	2.59	0.0250	2.50		104	70-130	8.51	23	
Ethylbenzene	2.67	0.0250	2.50		107	70-130	7.39	27	
Toluene	2.61	0.0250	2.50		104	70-130	6.50	24	
o-Xylene	2.53	0.0250	2.50		101	70-130	7.30	27	
p,m-Xylene	5.05	0.0500	5.00		101	70-130	7.70	27	
Total Xylenes	7.57	0.0250	7.50		101	70-130	7.57	27	
Surrogate: Bromofluorobenzene	0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2251040-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2251040-BS2)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	59.6	20.0	50.0		119	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS Dup (2251040-BSD2)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	57.5	20.0	50.0		115	70-130	3.63	20	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2251041-BLK1)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

LCS (2251041-BS2)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

LCS Dup (2251041-BSD2)

Prepared: 12/14/22 Analyzed: 12/14/22

Gasoline Range Organics (C6-C10)	58.5	20.0	50.0		117	70-130	10.7	20	
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2251035-BLK1)

Prepared: 12/13/22 Analyzed: 12/13/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.7		50.0		101	50-200			

LCS (2251035-BS1)

Prepared: 12/13/22 Analyzed: 12/13/22

Diesel Range Organics (C10-C28)	254	25.0	250		101	38-132			
Surrogate: <i>n</i> -Nonane	56.0		50.0		112	50-200			

LCS Dup (2251035-BSD1)

Prepared: 12/13/22 Analyzed: 12/13/22

Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132	0.0719	20	
Surrogate: <i>n</i> -Nonane	50.6		50.0		101	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2251037-BLK1)					Prepared: 12/14/22 Analyzed: 12/14/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.6		50.0		109	50-200			

LCS (2251037-BS1)					Prepared: 12/14/22 Analyzed: 12/14/22				
Diesel Range Organics (C10-C28)	246	25.0	250		98.4	38-132			
Surrogate: n-Nonane	52.3		50.0		105	50-200			

Matrix Spike (2251037-MS1)					Source: E212074-23		Prepared: 12/14/22 Analyzed: 12/14/22		
Diesel Range Organics (C10-C28)	287	25.0	250	94.8	76.9	38-132			
Surrogate: n-Nonane	54.3		50.0		109	50-200			

Matrix Spike Dup (2251037-MSD1)					Source: E212074-23		Prepared: 12/14/22 Analyzed: 12/14/22		
Diesel Range Organics (C10-C28)	317	25.0	250	94.8	88.9	38-132	9.90	20	
Surrogate: n-Nonane	51.6		50.0		103	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2251045-BLK1)					Prepared: 12/14/22 Analyzed: 12/14/22				
Chloride	ND	20.0							
LCS (2251045-BS1)					Prepared: 12/14/22 Analyzed: 12/14/22				
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2251045-MS1)					Source: E212072-01		Prepared: 12/14/22 Analyzed: 12/14/22		
Chloride	984	400	250	854	52.3	80-120			M2
Matrix Spike Dup (2251045-MSD1)					Source: E212072-01		Prepared: 12/14/22 Analyzed: 12/14/22		
Chloride	1010	400	250	854	64.3	80-120	2.99	20	M2



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/2022 10:09:54AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2251046-BLK1)					Prepared: 12/14/22 Analyzed: 12/14/22				
Chloride	ND	20.0							
LCS (2251046-BS1)					Prepared: 12/14/22 Analyzed: 12/14/22				
Chloride	248	20.0	250		99.1	90-110			
Matrix Spike (2251046-MS1)					Source: E212072-21		Prepared: 12/14/22 Analyzed: 12/15/22		
Chloride	1620	400	250	1480	58.4	80-120			M2
Matrix Spike Dup (2251046-MSD1)					Source: E212072-21		Prepared: 12/14/22 Analyzed: 12/15/22		
Chloride	1750	400	250	1480	109	80-120	7.45	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:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/19/22 10:09

- M2 Matrix spike recovery was outside quality control 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.



Project Information

Chain of Custody

Page 1 of 1

Client: GHD Project: 12585792 Saguaro Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E 212072 Job Number 19034-0001 Analysis and Method TPH GRO/DRO/GRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM GDOC TX					TAT 1D 2D 3D Standard		EPA Program CWA SDWA RCRA State NM CO UT AZ TX	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/GRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks					
1000	1212	S	1	BH1AC	1	X	X			X								
1005				BH20C	2													
1010				BH26C	3													
1015				BH27C	4													
1020				SW23B	5													
1025				SW19C	6													
1030				SW24B	7													
1035				SW25B	8													
1040				SW26B	9													
1200				BH21D	10													
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Relinquished by: (Signature) <i>[Signature]</i> Date 1213 Time 0800 Received by: (Signature) <i>[Signature]</i> Date 12-13-22 Time 1030 Relinquished by: (Signature) <i>[Signature]</i> Date 12-13-22 Time 1600 Received by: (Signature) <i>[Signature]</i> Date 12/14/22 Time 10:45 Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____																		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		


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Project Information

Chain of Custody

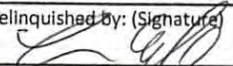
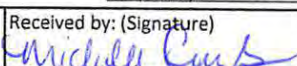
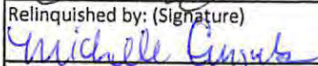
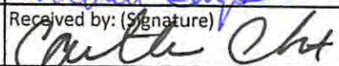
Page 2 of 2

Client: GHD Project: 12585792 <i>Saguaro</i> Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E212072 Job Number 19034-0001					TAT 1D 2D 3D Standard				EPA Program CWA SDWA	
										Analysis and Method					RCRA		State NM CO UT AZ TX			
										TPH GRO/DRO/ORO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM GDOC TX					Remarks					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number															
1205	1212	S	1	BH22D	11															
1210				BH23D	12															
1215				BH28D	13															
1220				BH29D	14															
1225				BH30D	15															
1230				SW7C	16															
1235				SW8D	17															
1240				SW15A	18															
1245				SW16B	19															
1250				SW17B	20															
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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.										
Relinquished by: (Signature) <i>[Signature]</i> Date 1213 Time 0900										Received by: (Signature) <i>[Signature]</i> Date 1213-22 Time 1030										
Relinquished by: (Signature) <i>[Signature]</i> Date 1213-22 Time 1600										Received by: (Signature) <i>[Signature]</i> Date 12/14/22 Time 10:45										
Relinquished by: (Signature) _____ Date _____ Time _____										Received by: (Signature) _____ Date _____ Time _____										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



Project Information

Chain of Custody

Client: GHD Project: 12585792 Saguaro Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E212072 Job Number 19034-0001 Analysis and Method TPH GRO/DRO/ORO by 8015 <input checked="" type="checkbox"/> BTEX by 8021 <input checked="" type="checkbox"/> VOC by 8260 <input checked="" type="checkbox"/> Metals 6010 <input checked="" type="checkbox"/> Chloride 300.0 <input checked="" type="checkbox"/> BGDOC NM <input checked="" type="checkbox"/> GDOC TX <input checked="" type="checkbox"/>					TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/> State NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks						
1255	1212	S	1	SW18B	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>									
1300				SW31A	22														
1305				SW32A	23														
1400				BH11D	24														
1405				BH16D	25														
1410				SW5B	26														
1530				SW3E	27														
1535				SW28B	28														
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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.									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N							
		1213		0800				12-13-22		1030		T1 _____ T2 _____ T3 _____							
		12-13-22		1600				12/14/22		10:45		AVG Temp °C 4							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



Envirotech Analytical Laboratory

Printed: 12/14/2022 11:47:25AM

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:	12/14/22 10:45	Work Order ID:	E212072
Phone:	(505) 884-0672	Date Logged In:	12/13/22 16:14	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	12/14/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Project Information

Chain of Custody

Page 1 of 3

Client: GHD Project: <u>12585792 Saguardo</u> Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# <u>E 212072</u> Job Number <u>19034-0001</u> Analysis and Method					TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
										State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	GDOC TX	Remarks							
1000	12/12	S	1	BH1AL	1	X	X			X										
1005				BH20C	2															
1010				BH26C	3															
1015				BH27C	4															
1020				SW23B	5															
1025				SW19C	6															
1030				SW24B	7															
1035				SW25B	8															
1040				SW26B	9															
1200				BH21D	10															
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Liam Giersdorf</u>																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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.												
<u>[Signature]</u>		12/13	0800	<u>[Signature]</u>		12-13-22	1030	Lab Use Only Received on ice: <u>Y</u> / N												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____												
<u>[Signature]</u>		12-13-22	1600	<u>[Signature]</u>		12/14/22	10:45	AVG Temp °C <u>4</u>												
Relinquished by: (Signature)				Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



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Project Information

Chain of Custody

Page 2 of 3

Client: GHD Project: 12585792 <i>Saguaro</i> Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E 212072 Job Number 19034-0001					TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/>	
Analysis and Method										RCRA		State NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>		Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	GDOC TX								
1205	1212	S	1	BH22D	11	X	X			X										
1210				BH23D	12															
1215				BH28D	13															
1220				BH29D	14															
1225				BH30D	15															
1230				SW7C	16															
1235				SW8D	17															
1240				SW15A SW15B	18															
1245				SW16B	19															
1250				SW17B	20															
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																				
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Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
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Project Information

Chain of Custody

Page 3 of 3

Client: GHD Project: 12585792 <i>Saguaro</i> Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E212072 Job Number 19034-0001					TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/>	
										Analysis and Method TPH GRO/DRO/ORO by 8015 <input checked="" type="checkbox"/> BTEX by 8021 <input checked="" type="checkbox"/> VOC by 8260 <input type="checkbox"/> Metals 6010 <input type="checkbox"/> Chloride 300.0 <input checked="" type="checkbox"/> BGDOC NM <input type="checkbox"/> GDOC TX <input type="checkbox"/>					RCRA State <input checked="" type="checkbox"/> NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>					
															Remarks					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX								
1255	12/12	S	1	SW18B	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>										
1300				SW31A	22															
1305				SW32A	23															
1400				BH11D	24															
1405				BH16D	25															
1410				SW5B SW SW-5C	26															
1530				SW3E SW-3F	27															
1535				SW28B	28															
Changed Sample names Per Nate Reece. 12/19/22 CC																				
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																				
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Relinquished by: (Signature) <i>[Signature]</i> Date 12/13 Time 0800					Received by: (Signature) <i>[Signature]</i> Date 12-13-22 Time 1030					Lab Use Only Received on ice: <input checked="" type="checkbox"/> N										
Relinquished by: (Signature) <i>[Signature]</i> Date 12-13-22 Time 1600					Received by: (Signature) <i>[Signature]</i> Date 12/14/22 Time 10:45					T1 T2 T3										
Relinquished by: (Signature)					Received by: (Signature)					AVG Temp °C 4										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



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Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro

Work Order: E212125

Job Number: 19034-0001

Received: 12/22/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/23/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/23/22



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

Project Name: 12585792 Saguaro
Workorder: E212125
Date Received: 12/22/2022 11:00:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/22/2022 11:00:00AM, under the Project Name: 12585792 Saguaro.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

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Technical Representative/Client Services
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ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/23/22 11:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW28C	E212125-01A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
BH16E	E212125-02A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
BH19D	E212125-03A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
BH20D	E212125-04A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
BH27D	E212125-05A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SW23C	E212125-06A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SW19D	E212125-07A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SW24C	E212125-08A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SW25C	E212125-09A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SW26C	E212125-10A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
BH21E	E212125-11A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
BH22E	E212125-12A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
BH23E	E212125-13A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
BH28E	E212125-14A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
BH29E	E212125-15A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
BH30E	E212125-16A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.
SW3G	E212125-17A	Soil	12/20/22	12/22/22	Glass Jar, 2 oz.



Sample Data

GHD	Project Name:	12585792 Saguario	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/23/2022 11:05:50AM

SW28C

E212125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2252050	
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
<i>Surrogate: Bromofluorobenzene</i>	96.8 %	70-130		12/22/22	12/22/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	106 %	70-130		12/22/22	12/22/22	
<i>Surrogate: Toluene-d8</i>	98.8 %	70-130		12/22/22	12/22/22	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2252050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
<i>Surrogate: Bromofluorobenzene</i>	96.8 %	70-130		12/22/22	12/22/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	106 %	70-130		12/22/22	12/22/22	
<i>Surrogate: Toluene-d8</i>	98.8 %	70-130		12/22/22	12/22/22	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2252046	
Diesel Range Organics (C10-C28)	208	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	142	50.0	1	12/21/22	12/22/22	
<i>Surrogate: n-Nonane</i>	105 %	50-200		12/21/22	12/22/22	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2252042	
Chloride	735	400	20	12/21/22	12/22/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/23/2022 11:05:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH16E

E212125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	98.3 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	99.4 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	98.3 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	198	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	110	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	104 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	1000	400	20	12/21/22	12/22/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/23/2022 11:05:50AM

BH19D

E212125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		97.6 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		111 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		97.6 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	531	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	250	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		102 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	411	400	20	12/21/22	12/22/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/23/2022 11:05:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH20D

E212125-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2252050	
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	97.3 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2252050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	98.6 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	97.3 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: JL		Batch: 2252046	
Diesel Range Organics (C10-C28)	592	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	300	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	98.1 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2252042	
Chloride	ND	400	20	12/21/22	12/22/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/23/2022 11:05:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH27D

E212125-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		103 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		102 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		103 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	470	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	280	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		97.9 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	539	400	20	12/21/22	12/22/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/23/2022 11:05:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW23C

E212125-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		104 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		104 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	342	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	172	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		102 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	2230	400	20	12/21/22	12/22/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/23/2022 11:05:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW19D

E212125-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	106 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	98.4 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	106 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	562	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	239	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	103 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	748	400	20	12/21/22	12/22/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/23/2022 11:05:50AM

SW24C

E212125-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		103 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		99.2 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		103 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		99.2 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	383	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	173	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		98.3 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	568	400	20	12/21/22	12/22/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/23/2022 11:05:50AM

SW25C

E212125-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		105 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		105 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	361	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	446	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		105 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	420	400	20	12/21/22	12/22/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/23/2022 11:05:50AM

SW26C

E212125-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		99.9 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		99.9 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	1020	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	943	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		106 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	404	200	10	12/21/22	12/22/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/23/2022 11:05:50AM

BH21E

E212125-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	100 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	96.5 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	100 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	462	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	441	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	103 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	ND	400	20	12/21/22	12/22/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/23/2022 11:05:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH22E

E212125-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		101 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		100 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		101 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	182	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	184	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		102 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	ND	400	20	12/21/22	12/22/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/23/2022 11:05:50AM

BH23E

E212125-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	97.7 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	95.5 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	97.7 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	227	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	110	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	105 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	ND	400	20	12/21/22	12/22/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/23/2022 11:05:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH28E

E212125-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	99.9 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	99.9 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	380	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	182	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	109 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	ND	400	20	12/21/22	12/22/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/23/2022 11:05:50AM

BH29E

E212125-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	99.5 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	99.5 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	171	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	102	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	102 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	ND	400	20	12/21/22	12/22/22	



Sample Data

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

Project Name: 12585792 Saguario
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
12/23/2022 11:05:50AM

BH30E

E212125-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		97.2 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene		101 %	70-130	12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	12/22/22	12/22/22	
Surrogate: Toluene-d8		97.2 %	70-130	12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	248	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	132	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane		105 %	50-200	12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	567	400	20	12/21/22	12/22/22	



Sample Data

GHD	Project Name:	12585792 Saguario	Reported: 12/23/2022 11:05:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW3G

E212125-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Benzene	ND	0.0250	1	12/22/22	12/22/22	
Ethylbenzene	ND	0.0250	1	12/22/22	12/22/22	
Toluene	ND	0.0250	1	12/22/22	12/22/22	
o-Xylene	ND	0.0250	1	12/22/22	12/22/22	
p,m-Xylene	ND	0.0500	1	12/22/22	12/22/22	
Total Xylenes	ND	0.0250	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	98.1 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2252050
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/22	12/22/22	
Surrogate: Bromofluorobenzene	99.2 %	70-130		12/22/22	12/22/22	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		12/22/22	12/22/22	
Surrogate: Toluene-d8	98.1 %	70-130		12/22/22	12/22/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2252046
Diesel Range Organics (C10-C28)	ND	25.0	1	12/21/22	12/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	12/21/22	12/22/22	
Surrogate: n-Nonane	111 %	50-200		12/21/22	12/22/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2252042
Chloride	693	400	20	12/21/22	12/22/22	



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/23/2022 11:05:50AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2252050-BLK1)

Prepared: 12/22/22 Analyzed: 12/22/22

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	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS (2252050-BS1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	2.57	0.0250	2.50		103	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.2	70-130			
Toluene	2.52	0.0250	2.50		101	70-130			
o-Xylene	2.59	0.0250	2.50		104	70-130			
p,m-Xylene	4.97	0.0500	5.00		99.4	70-130			
Total Xylenes	7.56	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

LCS Dup (2252050-BSD1)

Prepared: 12/22/22 Analyzed: 12/22/22

Benzene	2.39	0.0250	2.50		95.7	70-130	7.00	23	
Ethylbenzene	2.29	0.0250	2.50		91.5	70-130	8.08	27	
Toluene	2.33	0.0250	2.50		93.3	70-130	7.55	24	
o-Xylene	2.39	0.0250	2.50		95.5	70-130	8.27	27	
p,m-Xylene	4.61	0.0500	5.00		92.2	70-130	7.54	27	
Total Xylenes	7.00	0.0250	7.50		93.3	70-130	7.79	27	
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/23/2022 11:05:50AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2252050-BLK1)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS (2252050-BS2)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	57.8	20.0	50.0		116	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS Dup (2252050-BSD2)

Prepared: 12/22/22 Analyzed: 12/22/22

Gasoline Range Organics (C6-C10)	60.0	20.0	50.0		120	70-130	3.69	20	
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/23/2022 11:05:50AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2252046-BLK1)

Prepared: 12/21/22 Analyzed: 12/22/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.7		50.0		111	50-200			

LCS (2252046-BS1)

Prepared: 12/21/22 Analyzed: 12/22/22

Diesel Range Organics (C10-C28)	243	25.0	250		97.3	38-132			
Surrogate: n-Nonane	48.0		50.0		96.1	50-200			

Matrix Spike (2252046-MS1)

Source: E212125-08

Prepared: 12/21/22 Analyzed: 12/22/22

Diesel Range Organics (C10-C28)	436	25.0	250	383	21.5	38-132			M2
Surrogate: n-Nonane	48.7		50.0		97.4	50-200			

Matrix Spike Dup (2252046-MSD1)

Source: E212125-08

Prepared: 12/21/22 Analyzed: 12/22/22

Diesel Range Organics (C10-C28)	487	25.0	250	383	41.6	38-132	10.9	20	
Surrogate: n-Nonane	48.1		50.0		96.1	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/23/2022 11:05:50AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2252042-BLK1)

Prepared: 12/21/22 Analyzed: 12/22/22

Chloride ND 20.0

LCS (2252042-BS1)

Prepared: 12/21/22 Analyzed: 12/22/22

Chloride 266 20.0 250 107 90-110

Matrix Spike (2252042-MS1)

Source: E212125-01

Prepared: 12/21/22 Analyzed: 12/22/22

Chloride 895 400 250 735 64.2 80-120 M2

Matrix Spike Dup (2252042-MSD1)

Source: E212125-01

Prepared: 12/21/22 Analyzed: 12/22/22

Chloride 962 400 250 735 90.9 80-120 7.19 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:	12585792 Saguaro	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	12/23/22 11:05

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

Client: GHD					Bill To		Lab Use Only				TAT				EPA Program			
Project: 12585797 Saguro					Attention: EOG Amber Griffin		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Nate Reece / JT Murrey					Address: 1045 4th St.		E212125		19034-0001		<input checked="" type="checkbox"/>							
Address: 6121 Indian School Rd. NE St. 200					City, State, Zip: Artesia, NM 88210		Analysis and Method										RCRA	
City, State, Zip: Albuquerque, NM 87110					Phone:													
Phone: (281)386-7158					Email: amber_griffin@eogresources.com												State	
Email: nate.reece@ghd.com					Report due by:												NM <input checked="" type="checkbox"/> CO <input checked="" type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>	
					22101910												Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX						
1530	1220	S	1	SW28C	1	X	X			X								
1535				BH16E	2													
1540				BH19D	3													
1545				BH20D	4													
1550				BH27D	5													
1555				SW23C	6													
1600				SW19D	7													
1605				SW24C	8													
1610				SW25C	9													
1615				SW26C	10													
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											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.							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only										
<i>[Signature]</i>		1221	0800	<i>[Signature]</i>		1221-22	0800	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____										
<i>[Signature]</i>		1221-22	1530	<i>[Signature]</i>		12/22/22	11:00	AVG Temp °C 4										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



Client: GHD Project: 12585792 Saguar Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E21225 Job Number 19031-001 Analysis and Method					TAT 1D 2D 3D Standard				EPA Program CWA SDWA RCRA	
														State NM CO UT AZ TX						
														Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX								
1620	1220	S	1	BH21E	11	X	X			X										
1625				BH22E	12															
1630				BH23E	13															
1635				BH28E	14															
1640				BH29E	15															
1645				BH30E	16															
1650				SW3G	17															
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; liam.giersdorf@ghd.com																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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.										
Relinquished by: (Signature) <i>[Signature]</i> Date 1221 Time 0800					Received by: (Signature) <i>[Signature]</i> Date 1221-22 Time 0800					Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N										
Relinquished by: (Signature) <i>[Signature]</i> Date 1221-22 Time 1530					Received by: (Signature) <i>[Signature]</i> Date 1222-22 Time 11:00					T1 T2 T3 AVG Temp °C 4										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



Envirotech Analytical Laboratory

Printed: 12/22/2022 2:43:22PM

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:	12/22/22 11:00	Work Order ID:	E212125
Phone:	(505) 884-0672	Date Logged In:	12/21/22 16:43	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	12/22/22 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro Water Transfer

Work Order: E301037

Job Number: 19034-0001

Received: 1/11/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/12/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/12/23



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

Project Name: 12585792 Saguaro Water Transfer
Workorder: E301037
Date Received: 1/11/2023 10:00:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/11/2023 10:00:00AM, under the Project Name: 12585792 Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	01/12/23 15:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-3H	E301037-01A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BH-16F	E301037-02A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-24D	E301037-03A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-19E	E301037-04A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-23D	E301037-05A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BH-19E	E301037-06A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-15C	E301037-07A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BH-27E	E301037-08A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BH-20E	E301037-09A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-7D	E301037-10A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-26D	E301037-11A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BH-21F	E301037-12A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BH-28F	E301037-13A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-17C	E301037-14A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BH-29F	E301037-15A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BH-30F	E301037-16A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BH-23F	E301037-17A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
BH-22F	E301037-18A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-8E	E301037-19A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-18C	E301037-20A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-25D	E301037-21A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-16C	E301037-22A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.
SW-28D	E301037-23A	Soil	01/09/23	01/11/23	Glass Jar, 2 oz.



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

SW-3H

E301037-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2302046	
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>	97.2 %	70-130		01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	116 %	70-130		01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>	74.6 %	70-130		01/11/23	01/11/23	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2302046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>	97.2 %	70-130		01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	116 %	70-130		01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>	74.6 %	70-130		01/11/23	01/11/23	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2302042	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
<i>Surrogate: n-Nonane</i>	81.5 %	50-200		01/11/23	01/11/23	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2302044	
Chloride	452	200	10	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/12/2023 3:08:57PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-16F

E301037-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	97.2 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	97.2 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane	92.5 %	50-200		01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	1220	400	20	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/12/2023 3:08:57PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-24D

E301037-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2302046	
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	70-130	01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>		98.6 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2302046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	70-130	01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>		98.6 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2302042	
Diesel Range Organics (C10-C28)	191	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	88.6	50.0	1	01/11/23	01/11/23	
<i>Surrogate: n-Nonane</i>		84.0 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2302044	
Chloride	314	200	10	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

SW-19E

E301037-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		92.9 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		92.9 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	258	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	130	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		84.1 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	646	200	10	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

SW-23D
E301037-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	97.8 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	99.8 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	97.8 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	99.8 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	393	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	183	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane	83.4 %	50-200		01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	6800	400	20	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

BH-19E

E301037-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>	99.2 %	70-130		01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.1 %	70-130		01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>	100 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>	99.2 %	70-130		01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.1 %	70-130		01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>	100 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	374	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	182	50.0	1	01/11/23	01/11/23	
<i>Surrogate: n-Nonane</i>	82.9 %	50-200		01/11/23	01/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	979	400	20	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

SW-15C

E301037-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	99.3 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	99.3 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane	103 %	50-200		01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	6160	200	10	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

BH-27E

E301037-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	100 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	100 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane	106 %	50-200		01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	ND	400	20	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

BH-20E

E301037-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	99.5 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	99.5 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	191	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	104	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane	97.0 %	50-200		01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	652	400	20	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

SW-7D

E301037-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	99.6 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	98.3 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	99.6 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	639	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	314	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane	102 %	50-200		01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	2320	400	20	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

SW-26D

E301037-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	102 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	102 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	196	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	234	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane	101 %	50-200		01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	1160	400	20	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

BH-21F

E301037-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		98.1 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		98.1 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	345	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	210	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		106 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	421	400	20	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

BH-28F

E301037-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	98.8 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	100 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene	98.8 %	70-130		01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		01/11/23	01/11/23	
Surrogate: Toluene-d8	100 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	622	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	354	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane	98.3 %	50-200		01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	495	400	20	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/12/2023 3:08:57PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-17C

E301037-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2302046	
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>	98.7 %	70-130		01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.0 %	70-130		01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>	97.6 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2302046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>	98.7 %	70-130		01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.0 %	70-130		01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>	97.6 %	70-130		01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2302042	
Diesel Range Organics (C10-C28)	98.4	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	123	50.0	1	01/11/23	01/11/23	
<i>Surrogate: n-Nonane</i>	101 %	50-200		01/11/23	01/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2302044	
Chloride	ND	400	20	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/12/2023 3:08:57PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-29F

E301037-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2302046	
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>		93.3 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2302046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>		93.3 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2302042	
Diesel Range Organics (C10-C28)	227	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	143	50.0	1	01/11/23	01/11/23	
<i>Surrogate: n-Nonane</i>		109 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2302044	
Chloride	ND	400	20	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/12/2023 3:08:57PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-30F

E301037-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		91.2 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		102 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		91.2 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	284	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	184	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		115 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	ND	400	20	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

BH-23F

E301037-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		92.2 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		92.2 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	133	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	111	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		110 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	596	400	20	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

BH-22F

E301037-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		106 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		92.2 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		106 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		92.2 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	448	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	514	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		109 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	550	400	20	01/11/23	01/11/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/12/2023 3:08:57PM

SW-8E

E301037-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		105 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		91.6 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2302046
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
Surrogate: Bromofluorobenzene		105 %	70-130	01/11/23	01/11/23	
Surrogate: 1,2-Dichloroethane-d4		117 %	70-130	01/11/23	01/11/23	
Surrogate: Toluene-d8		91.6 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2302042
Diesel Range Organics (C10-C28)	44.4	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	53.8	50.0	1	01/11/23	01/11/23	
Surrogate: n-Nonane		103 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: KL		Batch: 2302044
Chloride	1110	400	20	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/12/2023 3:08:57PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-18C

E301037-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2302046	
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>		92.4 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2302046	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	01/11/23	01/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		113 %	70-130	01/11/23	01/11/23	
<i>Surrogate: Toluene-d8</i>		92.4 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2302042	
Diesel Range Organics (C10-C28)	40.0	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	60.5	50.0	1	01/11/23	01/11/23	
<i>Surrogate: n-Nonane</i>		104 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2302044	
Chloride	3920	400	20	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/12/2023 3:08:57PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-25D

E301037-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2302047	
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2302047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.3 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2302043	
Diesel Range Organics (C10-C28)	456	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	463	50.0	1	01/11/23	01/11/23	
<i>Surrogate: n-Nonane</i>		107 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2302045	
Chloride	674	200	10	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/12/2023 3:08:57PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-16C

E301037-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2302047	
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2302047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.8 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2302043	
Diesel Range Organics (C10-C28)	55.1	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	90.2	50.0	1	01/11/23	01/11/23	
<i>Surrogate: n-Nonane</i>		108 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2302045	
Chloride	1340	400	20	01/11/23	01/11/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/12/2023 3:08:57PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-28D

E301037-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2302047	
Benzene	ND	0.0250	1	01/11/23	01/11/23	
Ethylbenzene	ND	0.0250	1	01/11/23	01/11/23	
Toluene	ND	0.0250	1	01/11/23	01/11/23	
o-Xylene	ND	0.0250	1	01/11/23	01/11/23	
p,m-Xylene	ND	0.0500	1	01/11/23	01/11/23	
Total Xylenes	ND	0.0250	1	01/11/23	01/11/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2302047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/11/23	01/11/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.6 %	70-130	01/11/23	01/11/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2302043	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/11/23	01/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/11/23	01/11/23	
<i>Surrogate: n-Nonane</i>		109 %	50-200	01/11/23	01/11/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2302045	
Chloride	1690	200	10	01/11/23	01/11/23	



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302046-BLK1)

Prepared: 01/11/23 Analyzed: 01/11/23

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	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			

LCS (2302046-BS1)

Prepared: 01/11/23 Analyzed: 01/11/23

Benzene	2.56	0.0250	2.50		102	70-130			
Ethylbenzene	2.34	0.0250	2.50		93.8	70-130			
Toluene	2.36	0.0250	2.50		94.6	70-130			
o-Xylene	2.46	0.0250	2.50		98.2	70-130			
p,m-Xylene	4.71	0.0500	5.00		94.1	70-130			
Total Xylenes	7.16	0.0250	7.50		95.5	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			

LCS Dup (2302046-BSD1)

Prepared: 01/11/23 Analyzed: 01/11/23

Benzene	2.53	0.0250	2.50		101	70-130	1.16	23	
Ethylbenzene	2.36	0.0250	2.50		94.3	70-130	0.617	27	
Toluene	2.40	0.0250	2.50		95.9	70-130	1.34	24	
o-Xylene	2.48	0.0250	2.50		99.3	70-130	1.13	27	
p,m-Xylene	4.71	0.0500	5.00		94.2	70-130	0.0637	27	
Total Xylenes	7.19	0.0250	7.50		95.9	70-130	0.432	27	
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302047-BLK1)

Prepared: 01/11/23 Analyzed: 01/11/23

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	7.96		8.00		99.5	70-130			

LCS (2302047-BS1)

Prepared: 01/11/23 Analyzed: 01/11/23

Benzene	4.28	0.0250	5.00		85.7	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130			
Toluene	4.67	0.0250	5.00		93.4	70-130			
o-Xylene	4.78	0.0250	5.00		95.7	70-130			
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130			
Total Xylenes	14.2	0.0250	15.0		94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			

LCS Dup (2302047-BSD1)

Prepared: 01/11/23 Analyzed: 01/11/23

Benzene	4.39	0.0250	5.00		87.8	70-130	2.47	20	
Ethylbenzene	4.75	0.0250	5.00		95.0	70-130	2.58	20	
Toluene	4.79	0.0250	5.00		95.8	70-130	2.56	20	
o-Xylene	4.95	0.0250	5.00		98.9	70-130	3.37	20	
p,m-Xylene	9.66	0.0500	10.0		96.6	70-130	2.78	20	
Total Xylenes	14.6	0.0250	15.0		97.4	70-130	2.98	20	
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302046-BLK1)

Prepared: 01/11/23 Analyzed: 01/11/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			

LCS (2302046-BS2)

Prepared: 01/11/23 Analyzed: 01/11/23

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			

LCS Dup (2302046-BSD2)

Prepared: 01/11/23 Analyzed: 01/11/23

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130	4.78	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302047-BLK1)

Prepared: 01/11/23 Analyzed: 01/11/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

LCS (2302047-BS2)

Prepared: 01/11/23 Analyzed: 01/11/23

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

LCS Dup (2302047-BSD2)

Prepared: 01/11/23 Analyzed: 01/11/23

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		89.0	70-130	4.14	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302042-BLK1)

Prepared: 01/11/23 Analyzed: 01/11/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.2		50.0		108	50-200			

LCS (2302042-BS1)

Prepared: 01/11/23 Analyzed: 01/11/23

Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	52.1		50.0		104	50-200			

Matrix Spike (2302042-MS1)

Source: E301037-13

Prepared: 01/11/23 Analyzed: 01/12/23

Diesel Range Organics (C10-C28)	952	25.0	250	622	132	38-132			
Surrogate: n-Nonane	53.9		50.0		108	50-200			

Matrix Spike Dup (2302042-MSD1)

Source: E301037-13

Prepared: 01/11/23 Analyzed: 01/11/23

Diesel Range Organics (C10-C28)	908	25.0	250	622	114	38-132	4.78	20	
Surrogate: n-Nonane	52.6		50.0		105	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302043-BLK1)

Prepared: 01/11/23 Analyzed: 01/11/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.8		50.0		108	50-200			

LCS (2302043-BS1)

Prepared: 01/11/23 Analyzed: 01/11/23

Diesel Range Organics (C10-C28)	274	25.0	250		109	38-132			
Surrogate: n-Nonane	54.6		50.0		109	50-200			

Matrix Spike (2302043-MS1)

Source: E301037-21

Prepared: 01/11/23 Analyzed: 01/11/23

Diesel Range Organics (C10-C28)	784	25.0	250	456	131	38-132			
Surrogate: n-Nonane	51.8		50.0		104	50-200			

Matrix Spike Dup (2302043-MSD1)

Source: E301037-21

Prepared: 01/11/23 Analyzed: 01/11/23

Diesel Range Organics (C10-C28)	708	25.0	250	456	101	38-132	10.2	20	
Surrogate: n-Nonane	52.9		50.0		106	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2302044-BLK1)					Prepared: 01/11/23 Analyzed: 01/12/23				
Chloride	ND	20.0							
LCS (2302044-BS1)					Prepared: 01/11/23 Analyzed: 01/12/23				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2302044-MS1)					Source: E301037-01		Prepared: 01/11/23 Analyzed: 01/12/23		
Chloride	874	200	250	452	169	80-120			M4
Matrix Spike Dup (2302044-MSD1)					Source: E301037-01		Prepared: 01/11/23 Analyzed: 01/12/23		
Chloride	702	200	250	452	100	80-120	21.8	20	R3



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/12/2023 3:08:57PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2302045-BLK1)

Prepared: 01/11/23 Analyzed: 01/11/23

Chloride ND 20.0

LCS (2302045-BS1)

Prepared: 01/11/23 Analyzed: 01/11/23

Chloride 262 20.0 250 105 90-110

Matrix Spike (2302045-MS1)

Source: E301037-21

Prepared: 01/11/23 Analyzed: 01/11/23

Chloride 1140 200 250 674 187 80-120 M4

Matrix Spike Dup (2302045-MSD1)

Source: E301037-21

Prepared: 01/11/23 Analyzed: 01/12/23

Chloride 980 200 250 674 122 80-120 15.2 20 M4

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:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	01/12/23 15:08

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Client: GHD		Bill To		Lab Use Only		TAT		EPA Program	
Project: 12585792 - Saguaro Water Transfer		Attention: EOG Amber Griffin		Lab WO#		1D		CWA	
Project Manager: Nate Reece / JT Murrey		Address: 1045 4th St.		Job Number		2D		SDWA	
Address: 6121 Indian School Rd. NE St. 200		City, State, Zip: Artesia, NM 88210		E 301037 19034-0001		3D		RCRA	
City, State, Zip: Albuquerque, NM 87110		Phone:		Analysis and Method		Standard			
Phone: (281)386-7158		Email: amber_griffin@eogresources.com							
Email: nate.reece@ghd.com									
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
9:05	1/9/2023	S	1	SW-3H	1	X	X			X			
9:09	1/9/2023	S	1	BH-16F	2	X	X			X			
9:11	1/9/2023	S	1	SW-24D	3	X	X			X			
9:16	1/9/2023	S	1	SW-19E	4	X	X			X			
9:17	1/9/2023	S	1	SW-23D	5	X	X			X			
9:19	1/9/2023	S	1	BH-19E	6	X	X			X			
9:20	1/9/2023	S	1	SW-15C	7	X	X			X			
9:23	1/9/2023	S	1	BH-27E	8	X	X			X			
9:24	1/9/2023	S	1	BH-20E	9	X	X			X			
9:25	1/9/2023	S	1	SW-7D	10	X	X			X			

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; daniel.sparks@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Daniel Sparks

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.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Project Information

Chain of Custody

Client: GHD		Bill To		Lab Use Only		TAT		EPA Program	
Project: 12585792 - Saguaro Water Transfer		Attention: EOG Amber Griffin		Lab WO#		1D		CWA	
Project Manager: Nate Reece / JT Murrey		Address: 1045 4th St.		Job Number		2D		SDWA	
Address: 6121 Indian School Rd. NE St. 200		City, State, Zip: Artesia, NM 88210		E30/037		19034-0001		RCRA	
City, State, Zip: Albuquerque, NM 87110		Phone:		Analysis and Method		3D		Standard	
Phone: (281)386-7158		Email: amber_griffin@eogresources.com							
Email: nate.reece@ghd.com									
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	GDOC TX	Remarks
9:28	1/9/2023	S	1	SW-26D	11	X	X		X				
9:30	1/9/2023	S	1	BH-21F	12	X	X		X				
9:31	1/9/2023	S	1	BH-28F	13	X	X		X				
9:33	1/9/2023	S	1	SW-17C	14	X	X		X				
9:34	1/9/2023	S	1	BH-29F	15	X	X		X				
9:37	1/9/2023	S	1	BH-30F	16	X	X		X				
9:38	1/9/2023	S	1	BH-23F	17	X	X		X				
9:39	1/9/2023	S	1	BH-22F	18	X	X		X				
9:40	1/9/2023	S	1	SW-8E	19	X	X		X				
9:40	1/9/2023	S	1	SW-18C	20	X	X		X				

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; daniel.sparks@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Daniel Sparks

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.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<i>D. Sparks</i>	1/10/23	1:20	<i>[Signature]</i>	1-10-23		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<i>[Signature]</i>	1-10-23		<i>Carla Chate</i>	1/11/23	10:00	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Client: GHD		Bill To		Lab Use Only		TAT		EPA Program	
Project: 12585792 - Saguaro Water Transfer		Attention: EOG Amber Griffin		Lab WO#		1D		CWA	
Project Manager: Nate Reece / JT Murrey		Address: 1045 4th St.		Job Number		2D		SDWA	
Address: 6121 Indian School Rd. NE St. 200		City, State, Zip: Artesia, NM 88210		E301037		19034-000		X	
City, State, Zip: Albuquerque, NM 87110		Phone:		Analysis and Method		3D		Standard	
Phone: (281) 386-7158		Email: amber_griffin@eogresources.com							
Email: nate.reece@ghd.com									
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
9:45	1/9/2023	S	1	SW-25D	21	X	X			X			
9:46	1/9/2023	S	1	SW-16C	22	X	X			X			
11:53	1/9/2023	S	1	SW-28D	23	X	X			X			

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; daniel.sparks@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Daniel Sparks

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.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 1/11/2023 10:35:44AM

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:	01/11/23 10:00	Work Order ID:	E301037
Phone:	(505) 884-0672	Date Logged In:	01/11/23 09:16	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	01/11/23 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro Water Transfer

Work Order: E301084

Job Number: 19034-0001

Received: 1/17/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/19/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/19/23



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

Project Name: 12585792 Saguaro Water Transfer
Workorder: E301084
Date Received: 1/17/2023 7:45:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2023 7:45:00AM, under the Project Name: 12585792 Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	01/19/23 09:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH-16G	E301084-01A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
BH-19F	E301084-02A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
BH-20F	E301084-03A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
BH-21G	E301084-04A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
BH-22G	E301084-05A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
BH-23G	E301084-06A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
BH-28G	E301084-07A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
BH-29G	E301084-08A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
BH-30G	E301084-09A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
SW-24E	E301084-10A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
SW-19F	E301084-11A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
SW-23E	E301084-12A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
SW-26E	E301084-13A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.
SW-25E	E301084-14A	Soil	01/16/23	01/17/23	Glass Jar, 2 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: 12585792 Saguaro Water Transfer Project Number: 19034-0001 Project Manager: Nate Reece	Reported: 1/19/2023 9:22:04AM
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BH-16G

E301084-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2303018	
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene	94.8 %	70-130		01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		01/17/23	01/17/23	
Surrogate: Toluene-d8	100 %	70-130		01/17/23	01/17/23	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2303018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene	94.8 %	70-130		01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		01/17/23	01/17/23	
Surrogate: Toluene-d8	100 %	70-130		01/17/23	01/17/23	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2303016	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane	90.9 %	50-200		01/17/23	01/17/23	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2303022	
Chloride	640	400	20	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/19/2023 9:22:04AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-19F

E301084-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2303018	
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
<i>Surrogate: Bromofluorobenzene</i>	99.1 %	70-130		01/17/23	01/17/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	95.5 %	70-130		01/17/23	01/17/23	
<i>Surrogate: Toluene-d8</i>	97.5 %	70-130		01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2303018	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
<i>Surrogate: Bromofluorobenzene</i>	99.1 %	70-130		01/17/23	01/17/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	95.5 %	70-130		01/17/23	01/17/23	
<i>Surrogate: Toluene-d8</i>	97.5 %	70-130		01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2303016	
Diesel Range Organics (C10-C28)	212	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	103	50.0	1	01/17/23	01/17/23	
<i>Surrogate: n-Nonane</i>	98.0 %	50-200		01/17/23	01/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2303022	
Chloride	291	200	10	01/17/23	01/17/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/19/2023 9:22:04AM

BH-20F

E301084-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		01/17/23	01/17/23	
Surrogate: Toluene-d8	96.7 %	70-130		01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		01/17/23	01/17/23	
Surrogate: Toluene-d8	96.7 %	70-130		01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	43.8	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane	89.3 %	50-200		01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	400	20	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/19/2023 9:22:04AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-21G

E301084-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		105 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		92.5 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		105 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		92.5 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane		96.6 %	50-200	01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	200	10	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/19/2023 9:22:04AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-22G

E301084-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		92.9 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		109 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		92.9 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	104	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	54.7	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane		95.7 %	50-200	01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	200	10	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 9:22:04AM

BH-23G

E301084-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		93.4 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		93.4 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane		88.9 %	50-200	01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	400	20	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 9:22:04AM

BH-28G

E301084-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0500	2	01/17/23	01/19/23	
Ethylbenzene	ND	0.0500	2	01/17/23	01/19/23	
Toluene	ND	0.0500	2	01/17/23	01/19/23	
o-Xylene	ND	0.0500	2	01/17/23	01/19/23	
p,m-Xylene	ND	0.100	2	01/17/23	01/19/23	
Total Xylenes	ND	0.0500	2	01/17/23	01/19/23	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/17/23	01/19/23	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		01/17/23	01/19/23	
Surrogate: Toluene-d8	98.4 %	70-130		01/17/23	01/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	42.8	40.0	2	01/17/23	01/19/23	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/17/23	01/19/23	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		01/17/23	01/19/23	
Surrogate: Toluene-d8	98.4 %	70-130		01/17/23	01/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	3270	125	5	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	1350	250	5	01/17/23	01/17/23	
Surrogate: n-Nonane	99.7 %	50-200		01/17/23	01/17/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	400	20	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/19/2023 9:22:04AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-29G

E301084-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		91.9 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		91.9 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	134	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	97.0	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane		96.2 %	50-200	01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	400	20	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 9:22:04AM

BH-30G

E301084-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0500	2	01/17/23	01/19/23	
Ethylbenzene	ND	0.0500	2	01/17/23	01/19/23	
Toluene	ND	0.0500	2	01/17/23	01/19/23	
o-Xylene	ND	0.0500	2	01/17/23	01/19/23	
p,m-Xylene	ND	0.100	2	01/17/23	01/19/23	
Total Xylenes	ND	0.0500	2	01/17/23	01/19/23	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/17/23	01/19/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		01/17/23	01/19/23	
Surrogate: Toluene-d8	97.0 %	70-130		01/17/23	01/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	ND	40.0	2	01/17/23	01/19/23	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/17/23	01/19/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		01/17/23	01/19/23	
Surrogate: Toluene-d8	97.0 %	70-130		01/17/23	01/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	64.1	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane	100 %	50-200		01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	400	20	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/19/2023 9:22:04AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-24E

E301084-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		105 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		92.8 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		105 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		112 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		92.8 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	32.0	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane		94.0 %	50-200	01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	400	20	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/19/2023 9:22:04AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-19F

E301084-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0500	2	01/17/23	01/19/23	
Ethylbenzene	ND	0.0500	2	01/17/23	01/19/23	
Toluene	ND	0.0500	2	01/17/23	01/19/23	
o-Xylene	ND	0.0500	2	01/17/23	01/19/23	
p,m-Xylene	ND	0.100	2	01/17/23	01/19/23	
Total Xylenes	ND	0.0500	2	01/17/23	01/19/23	
Surrogate: Bromofluorobenzene	96.6 %	70-130		01/17/23	01/19/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		01/17/23	01/19/23	
Surrogate: Toluene-d8	97.2 %	70-130		01/17/23	01/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	40.1	40.0	2	01/17/23	01/19/23	
Surrogate: Bromofluorobenzene	96.6 %	70-130		01/17/23	01/19/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		01/17/23	01/19/23	
Surrogate: Toluene-d8	97.2 %	70-130		01/17/23	01/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	1630	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	662	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane	96.8 %	50-200		01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	400	20	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 9:22:04AM

SW-23E

E301084-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		01/17/23	01/17/23	
Surrogate: Toluene-d8	98.6 %	70-130		01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		01/17/23	01/17/23	
Surrogate: Toluene-d8	98.6 %	70-130		01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane	98.9 %	50-200		01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	400	20	01/17/23	01/17/23	



Sample Data

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

Project Name: 12585792 Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/19/2023 9:22:04AM

SW-26E

E301084-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		97.6 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene		100 %	70-130	01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	01/17/23	01/17/23	
Surrogate: Toluene-d8		97.6 %	70-130	01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	852	50.0	2	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	769	100	2	01/17/23	01/17/23	
Surrogate: n-Nonane		103 %	50-200	01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	603	400	20	01/17/23	01/17/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 9:22:04AM

SW-25E

E301084-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Benzene	ND	0.0250	1	01/17/23	01/17/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/17/23	
Toluene	ND	0.0250	1	01/17/23	01/17/23	
o-Xylene	ND	0.0250	1	01/17/23	01/17/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/17/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene	97.5 %	70-130		01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		01/17/23	01/17/23	
Surrogate: Toluene-d8	97.7 %	70-130		01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2303018
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/17/23	
Surrogate: Bromofluorobenzene	97.5 %	70-130		01/17/23	01/17/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		01/17/23	01/17/23	
Surrogate: Toluene-d8	97.7 %	70-130		01/17/23	01/17/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2303016
Diesel Range Organics (C10-C28)	57.3	25.0	1	01/17/23	01/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/23	01/17/23	
Surrogate: n-Nonane	102 %	50-200		01/17/23	01/17/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2303022
Chloride	ND	400	20	01/17/23	01/17/23	



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 9:22:04AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2303018-BLK1)

Prepared: 01/17/23 Analyzed: 01/17/23

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	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			

LCS (2303018-BS1)

Prepared: 01/17/23 Analyzed: 01/17/23

Benzene	2.73	0.0250	2.50		109	70-130			
Ethylbenzene	2.47	0.0250	2.50		98.8	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.58	0.0250	2.50		103	70-130			
p,m-Xylene	4.94	0.0500	5.00		98.9	70-130			
Total Xylenes	7.52	0.0250	7.50		100	70-130			
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.7	70-130			

LCS Dup (2303018-BSD1)

Prepared: 01/17/23 Analyzed: 01/17/23

Benzene	2.71	0.0250	2.50		108	70-130	0.753	23	
Ethylbenzene	2.46	0.0250	2.50		98.3	70-130	0.447	27	
Toluene	2.48	0.0250	2.50		99.2	70-130	1.24	24	
o-Xylene	2.57	0.0250	2.50		103	70-130	0.0971	27	
p,m-Xylene	4.92	0.0500	5.00		98.3	70-130	0.558	27	
Total Xylenes	7.49	0.0250	7.50		99.9	70-130	0.400	27	
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 9:22:04AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2303018-BLK1)

Prepared: 01/17/23 Analyzed: 01/17/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			

LCS (2303018-BS2)

Prepared: 01/17/23 Analyzed: 01/17/23

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			

LCS Dup (2303018-BSD2)

Prepared: 01/17/23 Analyzed: 01/17/23

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130	6.81	20	
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 9:22:04AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2303016-BLK1)					Prepared: 01/17/23 Analyzed: 01/17/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.4		50.0		103	50-200			

LCS (2303016-BS1)					Prepared: 01/17/23 Analyzed: 01/17/23				
Diesel Range Organics (C10-C28)	247	25.0	250		98.9	38-132			
Surrogate: n-Nonane	50.6		50.0		101	50-200			

Matrix Spike (2303016-MS1)					Source: E301084-01		Prepared: 01/17/23 Analyzed: 01/17/23		
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	44.8		50.0		89.7	50-200			

Matrix Spike Dup (2303016-MSD1)					Source: E301084-01		Prepared: 01/17/23 Analyzed: 01/17/23		
Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	38-132	1.07	20	
Surrogate: n-Nonane	47.1		50.0		94.2	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 9:22:04AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2303022-BLK1)					Prepared: 01/17/23 Analyzed: 01/17/23				
Chloride	ND	20.0							
LCS (2303022-BS1)					Prepared: 01/17/23 Analyzed: 01/17/23				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2303022-MS1)					Source: E301084-01		Prepared: 01/17/23 Analyzed: 01/17/23		
Chloride	809	400	250	640	67.5	80-120			M2
Matrix Spike Dup (2303022-MSD1)					Source: E301084-01		Prepared: 01/17/23 Analyzed: 01/17/23		
Chloride	812	400	250	640	68.7	80-120	0.351	20	M2

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:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	01/19/23 09:22

- M2 Matrix spike recovery was outside quality control 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.



Project Information

Chain of Custody

Page 1 of 2

Client: GHD Project: 12585792 / Saguaro Water Transfer Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E 301034 Job Number 19034-0001 Analysis and Method TPH GRO/DRO/ORO by 8015 <input checked="" type="checkbox"/> BTEX by 8021 <input checked="" type="checkbox"/> VOC by 8260 <input checked="" type="checkbox"/> Metals 6010 <input checked="" type="checkbox"/> Chloride 300.0 <input checked="" type="checkbox"/> BGDOC NM <input checked="" type="checkbox"/> GDOC TX <input checked="" type="checkbox"/>					TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>		EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
										State NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>								
										Remarks								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
	1/16/2023	SO	1	BH-16G	1		X	X		X								
	1/16/2023	SO	1	BH-19F	2		X	X		X								
	1/16/2023	SO	1	BH-20F	3		X	X		X								
	1/16/2023	SO	1	BH-21G	4		X	X		X								
	1/16/2023	SO	1	BH-22G	5		X	X		X								
	1/16/2023	SO	1	BH-23G	6		X	X		X								
	1/16/2023	SO	1	BH-28G	7		X	X		X								
	1/16/2023	SO	1	BH-29G	8		X	X		X								
	1/16/2023	SO	1	BH-30G	9		X	X		X								
	1/16/2023	SO	1	SW-24E	10		X	X		X								
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; daniel.sparks@ghd.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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.								
Relinquished by: (Signature) D Sparks		Date 1-16-23	Time 17:30	Received by: (Signature) Daniel Sparks		Date 1-16-23	Time 17:30	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N										
Relinquished by: (Signature) [Signature]		Date 1-16-23	Time 18:14	Received by: (Signature) [Signature]		Date 1-16-23	Time 18:15	T1 _____ T2 _____ T3 _____										
Relinquished by: (Signature) [Signature]		Date 1-16-23	Time 24:00	Received by: (Signature) [Signature]		Date 1/17/23	Time 7:45	AVG Temp °C 4										
Sample Matrix: S - Soil, sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

envirotech

Project Information

Chain of Custody

[illegible]

Envirotech Analytical Laboratory

Printed: 1/17/2023 9:35:14AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	GHD	Date Received:	01/17/23 07:45	Work Order ID:	E301084
Phone:	(505) 884-0672	Date Logged In:	01/17/23 07:51	Logged In By:	Raina Schwanz
Email:	nate.reece@ghd.com	Due Date:	01/17/23 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Time sampled not provided on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 Saguaro Water Transfer

Work Order: E301095

Job Number: 19034-0001

Received: 1/18/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/19/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/19/23



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

Project Name: 12585792 Saguaro Water Transfer
Workorder: E301095
Date Received: 1/18/2023 9:30:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/18/2023 9:30:00AM, under the Project Name: 12585792 Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Alexa Michaels
Sample Custody Officer
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labadmin@envirotech-inc.com

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ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	01/19/23 10:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-16D	E301095-01A	Soil	01/17/23	01/18/23	Glass Jar, 4 oz.
SW-17D	E301095-02A	Soil	01/17/23	01/18/23	Glass Jar, 4 oz.
SW-18D	E301095-03A	Soil	01/17/23	01/18/23	Glass Jar, 4 oz.
SW-33	E301095-04A	Soil	01/17/23	01/18/23	Glass Jar, 4 oz.
SW-34	E301095-05A	Soil	01/17/23	01/18/23	Glass Jar, 4 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: 12585792 Saguario Water Transfer Project Number: 19034-0001 Project Manager: Nate Reece	Reported: 1/19/2023 10:43:21AM
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SW-16D

E301095-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2303036	
Benzene	ND	0.0250	1	01/17/23	01/18/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/18/23	
Toluene	ND	0.0250	1	01/17/23	01/18/23	
o-Xylene	ND	0.0250	1	01/17/23	01/18/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/18/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.6 %	70-130		01/17/23	01/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2303036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.7 %	70-130		01/17/23	01/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2303045	
Diesel Range Organics (C10-C28)	2450	125	5	01/18/23	01/18/23	
Oil Range Organics (C28-C36)	1620	250	5	01/18/23	01/18/23	
<i>Surrogate: n-Nonane</i>	89.4 %	50-200		01/18/23	01/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2303041	
Chloride	3520	400	20	01/17/23	01/18/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/19/2023 10:43:21AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-17D

E301095-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2303036	
Benzene	ND	0.0250	1	01/17/23	01/18/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/18/23	
Toluene	0.0422	0.0250	1	01/17/23	01/18/23	
o-Xylene	ND	0.0250	1	01/17/23	01/18/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/18/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.9 %	70-130		01/17/23	01/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2303036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.6 %	70-130		01/17/23	01/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2303045	
Diesel Range Organics (C10-C28)	283	25.0	1	01/18/23	01/18/23	
Oil Range Organics (C28-C36)	156	50.0	1	01/18/23	01/18/23	
<i>Surrogate: n-Nonane</i>	88.3 %	50-200		01/18/23	01/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2303041	
Chloride	1600	400	20	01/17/23	01/18/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 10:43:21AM

SW-18D

E301095-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2303036	
Benzene	ND	0.0250	1	01/17/23	01/18/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/18/23	
Toluene	ND	0.0250	1	01/17/23	01/18/23	
o-Xylene	ND	0.0250	1	01/17/23	01/18/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/18/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.6 %	70-130		01/17/23	01/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2303036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.1 %	70-130		01/17/23	01/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2303045	
Diesel Range Organics (C10-C28)	59.2	25.0	1	01/18/23	01/18/23	
Oil Range Organics (C28-C36)	86.6	50.0	1	01/18/23	01/18/23	
<i>Surrogate: n-Nonane</i>	87.9 %	50-200		01/18/23	01/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2303041	
Chloride	2490	400	20	01/17/23	01/18/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/19/2023 10:43:21AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-33

E301095-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2303036	
Benzene	ND	0.0250	1	01/17/23	01/18/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/18/23	
Toluene	ND	0.0250	1	01/17/23	01/18/23	
o-Xylene	ND	0.0250	1	01/17/23	01/18/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/18/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.4 %	70-130		01/17/23	01/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2303036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.7 %	70-130		01/17/23	01/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2303045	
Diesel Range Organics (C10-C28)	228	25.0	1	01/18/23	01/18/23	
Oil Range Organics (C28-C36)	224	50.0	1	01/18/23	01/18/23	
<i>Surrogate: n-Nonane</i>	89.3 %	50-200		01/18/23	01/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2303041	
Chloride	1490	400	20	01/17/23	01/18/23	



Sample Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported: 1/19/2023 10:43:21AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-34

E301095-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2303036	
Benzene	ND	0.0250	1	01/17/23	01/18/23	
Ethylbenzene	ND	0.0250	1	01/17/23	01/18/23	
Toluene	ND	0.0250	1	01/17/23	01/18/23	
o-Xylene	ND	0.0250	1	01/17/23	01/18/23	
p,m-Xylene	ND	0.0500	1	01/17/23	01/18/23	
Total Xylenes	ND	0.0250	1	01/17/23	01/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.4 %	70-130		01/17/23	01/18/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2303036	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/23	01/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.8 %	70-130		01/17/23	01/18/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2303045	
Diesel Range Organics (C10-C28)	30.8	25.0	1	01/18/23	01/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/18/23	01/18/23	
<i>Surrogate: n-Nonane</i>	80.9 %	50-200		01/18/23	01/18/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2303041	
Chloride	516	400	20	01/17/23	01/18/23	



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 10:43:21AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2303036-BLK1)

Prepared: 01/17/23 Analyzed: 01/18/23

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	7.85		8.00		98.1	70-130			

LCS (2303036-BS1)

Prepared: 01/17/23 Analyzed: 01/18/23

Benzene	4.69	0.0250	5.00		93.8	70-130			
Ethylbenzene	5.05	0.0250	5.00		101	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	5.22	0.0250	5.00		104	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	70-130			

LCS Dup (2303036-BSD1)

Prepared: 01/17/23 Analyzed: 01/19/23

Benzene	4.59	0.0250	5.00		91.8	70-130	2.18	20	
Ethylbenzene	4.94	0.0250	5.00		98.7	70-130	2.30	20	
Toluene	5.00	0.0250	5.00		99.9	70-130	1.92	20	
o-Xylene	5.07	0.0250	5.00		101	70-130	3.03	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	2.39	20	
Total Xylenes	15.1	0.0250	15.0		101	70-130	2.61	20	
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 10:43:21AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2303036-BLK1) Prepared: 01/17/23 Analyzed: 01/18/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

LCS (2303036-BS2) Prepared: 01/17/23 Analyzed: 01/18/23

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			

LCS Dup (2303036-BSD2) Prepared: 01/17/23 Analyzed: 01/18/23

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.9	70-130	12.0	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.6	70-130			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 10:43:21AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2303045-BLK1)					Prepared: 01/18/23 Analyzed: 01/18/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.8		50.0		104	50-200			

LCS (2303045-BS1)					Prepared: 01/18/23 Analyzed: 01/18/23				
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	52.2		50.0		104	50-200			

Matrix Spike (2303045-MS1)					Source: E301089-03		Prepared: 01/18/23 Analyzed: 01/18/23		
Diesel Range Organics (C10-C28)	3520	250	250	2850	268	38-132			M4
Surrogate: n-Nonane	47.7		50.0		95.4	50-200			

Matrix Spike Dup (2303045-MSD1)					Source: E301089-03		Prepared: 01/18/23 Analyzed: 01/18/23		
Diesel Range Organics (C10-C28)	3870	250	250	2850	407	38-132	9.43	20	M4
Surrogate: n-Nonane	48.8		50.0		97.7	50-200			



QC Summary Data

GHD	Project Name:	12585792 Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/19/2023 10:43:21AM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2303041-BLK1)					Prepared: 01/17/23 Analyzed: 01/19/23				
Chloride	ND	20.0							
LCS (2303041-BS1)					Prepared: 01/17/23 Analyzed: 01/19/23				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2303041-MS1)					Source: E301089-01		Prepared: 01/17/23 Analyzed: 01/19/23		
Chloride	853	20.0	250	602	101	80-120			
Matrix Spike Dup (2303041-MSD1)					Source: E301089-01		Prepared: 01/17/23 Analyzed: 01/19/23		
Chloride	841	20.0	250	602	95.6	80-120	1.52	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:	12585792 Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	01/19/23 10:43

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. 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.



envirotech

Envirotech Analytical Laboratory

Printed: 1/18/2023 11:09:25AM

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:	01/18/23 09:30	Work Order ID:	E301095
Phone:	(505) 884-0672	Date Logged In:	01/17/23 15:01	Logged In By:	Alexa Michaels
Email:	nate.reece@ghd.com	Due Date:	01/18/23 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Time sampled not provided on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 /Saguaro Water Transfer

Work Order: E301127

Job Number: 19034-0001

Received: 1/26/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/30/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 1/30/23



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

Project Name: 12585792 /Saguaro Water Transfer
Workorder: E301127
Date Received: 1/26/2023 8:25:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/26/2023 8:25:00AM, under the Project Name: 12585792 /Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 /Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Sample Summary

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	01/30/23 10:42

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH-16H	E301127-01A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
BH-19G	E301127-02A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
BH-22H	E301127-03A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
BH-28H	E301127-04A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
BH-29H	E301127-05A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SW-19G	E301127-06A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SW-28E	E301127-07A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SW-7E	E301127-08A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SW-8F	E301127-09A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SW-33A	E301127-10A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SW-16E	E301127-11A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SW-17E	E301127-12A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.
SW-18E	E301127-13A	Soil	01/23/23	01/26/23	Glass Jar, 2 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: 12585792 /Saguaro Water Transfer Project Number: 19034-0001 Project Manager: Nate Reece	Reported: 1/30/2023 10:42:09AM
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BH-16H

E301127-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2304029	
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: Bromofluorobenzene</i>	92.9 %	70-130		01/25/23	01/26/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.1 %	70-130		01/25/23	01/26/23	
<i>Surrogate: Toluene-d8</i>	105 %	70-130		01/25/23	01/26/23	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2304029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: Bromofluorobenzene</i>	92.9 %	70-130		01/25/23	01/26/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.1 %	70-130		01/25/23	01/26/23	
<i>Surrogate: Toluene-d8</i>	105 %	70-130		01/25/23	01/26/23	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304034	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>	94.5 %	50-200		01/26/23	01/26/23	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2304031	
Chloride	ND	200	10	01/26/23	01/26/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/30/2023 10:42:09AM

BH-19G

E301127-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: Bromofluorobenzene</i>	94.5 %	70-130		01/25/23	01/26/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.3 %	70-130		01/25/23	01/26/23	
<i>Surrogate: Toluene-d8</i>	106 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: Bromofluorobenzene</i>	94.5 %	70-130		01/25/23	01/26/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.3 %	70-130		01/25/23	01/26/23	
<i>Surrogate: Toluene-d8</i>	106 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>	100 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	ND	200	10	01/26/23	01/26/23	



Sample Data

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

Project Name: 12585792 /Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/30/2023 10:42:09AM

BH-22H

E301127-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		01/25/23	01/26/23	
Surrogate: Toluene-d8	104 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4	93.3 %	70-130		01/25/23	01/26/23	
Surrogate: Toluene-d8	104 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane	98.6 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	ND	200	10	01/26/23	01/26/23	



Sample Data

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

Project Name: 12585792 /Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/30/2023 10:42:09AM

BH-28H

E301127-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		91.4 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		91.4 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane		108 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	ND	200	10	01/26/23	01/26/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/30/2023 10:42:09AM

BH-29H

E301127-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		90.7 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		90.7 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane		101 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	ND	200	10	01/26/23	01/26/23	



Sample Data

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

Project Name: 12585792 /Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/30/2023 10:42:09AM

SW-19G
E301127-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		106 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		90.8 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		106 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		90.8 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane		105 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	ND	200	10	01/26/23	01/26/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 1/30/2023 10:42:09AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-28E

E301127-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2304029	
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	01/25/23	01/26/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	01/25/23	01/26/23	
<i>Surrogate: Toluene-d8</i>		91.7 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2304029	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	01/25/23	01/26/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	01/25/23	01/26/23	
<i>Surrogate: Toluene-d8</i>		91.7 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2304034	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
<i>Surrogate: n-Nonane</i>		96.0 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2304031	
Chloride	386	200	10	01/26/23	01/26/23	



Sample Data

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

Project Name: 12585792 /Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/30/2023 10:42:09AM

SW-7E

E301127-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		92.3 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		104 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		92.3 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane		106 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	494	200	10	01/26/23	01/26/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 1/30/2023 10:42:09AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-8F

E301127-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		101 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		89.7 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		101 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		89.7 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane		106 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	ND	400	20	01/26/23	01/26/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/30/2023 10:42:09AM

SW-33A

E301127-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		89.6 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene		103 %	70-130	01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	01/25/23	01/26/23	
Surrogate: Toluene-d8		89.6 %	70-130	01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane		96.3 %	50-200	01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	4420	400	20	01/26/23	01/26/23	



Sample Data

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

Project Name: 12585792 /Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
1/30/2023 10:42:09AM

SW-16E

E301127-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene	94.5 %	70-130		01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		01/25/23	01/26/23	
Surrogate: Toluene-d8	105 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene	94.5 %	70-130		01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		01/25/23	01/26/23	
Surrogate: Toluene-d8	105 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane	95.4 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	591	400	20	01/26/23	01/26/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 1/30/2023 10:42:09AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-17E

E301127-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		01/25/23	01/26/23	
Surrogate: Toluene-d8	104 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		01/25/23	01/26/23	
Surrogate: Toluene-d8	104 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane	96.5 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	ND	400	20	01/26/23	01/26/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/30/2023 10:42:09AM

SW-18E

E301127-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Benzene	ND	0.0250	1	01/25/23	01/26/23	
Ethylbenzene	ND	0.0250	1	01/25/23	01/26/23	
Toluene	ND	0.0250	1	01/25/23	01/26/23	
o-Xylene	ND	0.0250	1	01/25/23	01/26/23	
p,m-Xylene	ND	0.0500	1	01/25/23	01/26/23	
Total Xylenes	ND	0.0250	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4	92.6 %	70-130		01/25/23	01/26/23	
Surrogate: Toluene-d8	103 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2304029
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/25/23	01/26/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		01/25/23	01/26/23	
Surrogate: 1,2-Dichloroethane-d4	92.6 %	70-130		01/25/23	01/26/23	
Surrogate: Toluene-d8	103 %	70-130		01/25/23	01/26/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2304034
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/23	01/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/23	01/26/23	
Surrogate: n-Nonane	95.6 %	50-200		01/26/23	01/26/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2304031
Chloride	ND	400	20	01/26/23	01/26/23	



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/30/2023 10:42:09AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2304029-BLK1)

Prepared: 01/25/23 Analyzed: 01/25/23

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	0.466		0.500		93.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2304029-BS1)

Prepared: 01/25/23 Analyzed: 01/25/23

Benzene	2.54	0.0250	2.50		102	70-130			
Ethylbenzene	2.67	0.0250	2.50		107	70-130			
Toluene	2.68	0.0250	2.50		107	70-130			
o-Xylene	2.80	0.0250	2.50		112	70-130			
p,m-Xylene	5.37	0.0500	5.00		107	70-130			
Total Xylenes	8.17	0.0250	7.50		109	70-130			
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS Dup (2304029-BSD1)

Prepared: 01/25/23 Analyzed: 01/25/23

Benzene	2.50	0.0250	2.50		100	70-130	1.69	23	
Ethylbenzene	2.66	0.0250	2.50		107	70-130	0.337	27	
Toluene	2.69	0.0250	2.50		108	70-130	0.409	24	
o-Xylene	2.80	0.0250	2.50		112	70-130	0.0892	27	
p,m-Xylene	5.36	0.0500	5.00		107	70-130	0.0559	27	
Total Xylenes	8.17	0.0250	7.50		109	70-130	0.00613	27	
Surrogate: Bromofluorobenzene	0.468		0.500		93.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/30/2023 10:42:09AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2304029-BLK1)

Prepared: 01/25/23 Analyzed: 01/25/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.466		0.500		93.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2304029-BS2)

Prepared: 01/25/23 Analyzed: 01/25/23

Gasoline Range Organics (C6-C10)	60.1	20.0	50.0		120	70-130			
Surrogate: Bromofluorobenzene	0.468		0.500		93.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.4	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS Dup (2304029-BSD2)

Prepared: 01/25/23 Analyzed: 01/25/23

Gasoline Range Organics (C6-C10)	63.2	20.0	50.0		126	70-130	5.10	20	
Surrogate: Bromofluorobenzene	0.467		0.500		93.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/30/2023 10:42:09AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2304034-BLK1)					Prepared: 01/26/23 Analyzed: 01/26/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.8		50.0		110	50-200			

LCS (2304034-BS1)					Prepared: 01/26/23 Analyzed: 01/26/23				
Diesel Range Organics (C10-C28)	236	25.0	250		94.5	38-132			
Surrogate: n-Nonane	52.0		50.0		104	50-200			

Matrix Spike (2304034-MS1)					Source: E301127-13		Prepared: 01/26/23 Analyzed: 01/26/23		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.4	38-132			
Surrogate: n-Nonane	49.8		50.0		99.6	50-200			

Matrix Spike Dup (2304034-MSD1)					Source: E301127-13		Prepared: 01/26/23 Analyzed: 01/26/23		
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.5	38-132	0.969	20	
Surrogate: n-Nonane	49.2		50.0		98.4	50-200			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	1/30/2023 10:42:09AM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2304031-BLK1)					Prepared: 01/26/23 Analyzed: 01/26/23				
Chloride	ND	20.0							
LCS (2304031-BS1)					Prepared: 01/26/23 Analyzed: 01/26/23				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2304031-BSD1)					Prepared: 01/26/23 Analyzed: 01/27/23				
Chloride	252	20.0	250		101	90-110	0.241	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:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	01/30/23 10:42

- 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.



Project Information

Chain of Custody

Page 2 of 2

Client: GHD Project: 12585792/ Saguaro Water Transfer Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281) 386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E 301127					Job Number 19034-0001					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA	
										Analysis and Method										RCRA					
										State NM CO UT AZ TX										Remarks					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX													
	1/23/2023	SO	1	SW-16E	11	X	X			X															
	1/23/2023	SO	1	SW-17E	12	X	X			X															
	1/23/2023	SO	1	SW-18E	13	X	X			X															

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; daniel.sparks@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Daniel Sparks

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.

Relinquished by: (Signature) <i>D Sparks</i>	Date 1-25-23	Time 15:30	Received by: (Signature) <i>D Sparks</i>	Date 1-25-23	Time 15:30	Lab Use Only	
Relinquished by: (Signature) <i>D Sparks</i>	Date 1-25-23	Time 1700	Received by: (Signature) <i>Lozano</i>	Date 1-25-23	Time 1730	Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	
Relinquished by: (Signature) <i>Lozano</i>	Date 1-25-23	Time 2315	Received by: (Signature) <i>Carth Chute</i>	Date 1/26/23	Time 8:25	T1 _____ T2 _____ T3 _____	
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other _____						AVG Temp °C <u>4</u>	
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA							

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 1/26/2023 9:11:56AM

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:	01/26/23 08:25	Work Order ID:	E301127
Phone:	(505) 884-0672	Date Logged In:	01/25/23 15:49	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	01/26/23 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Time sampled not provided on COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.





Project Information

Chain of Custody

Page 1 of 2

Client: GHD					Bill To					Lab Use Only					TAT					EPA Program									
Project: 12585792/ Saguaro Water Transfer					Attention: EOG Amber Griffin					Lab WO# E 301127					Job Number 19034-0001					1D 2D 3D Standard					CWA SDWA				
Project Manager: Nate Reece / JT Murrey					Address: 1045 4th St.					Analysis and Method										RCRA									
Address: 6121 Indian School Rd. NE St. 200					City, State, Zip: Artesia, NM 88210																								
City, State, Zip: Albuquerque, NM 87110					Phone:																								
Phone: (281)386-7158					Email: amber_griffin@eogresources.com																								
Email: nate.reece@ghd.com																													
Report due by:																													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX	Remarks
	1/23/2023	SO	1	BH-16 H H	1	X	X			X			Changed Sample names per Nate 1/26/23 CC
	1/23/2023	SO	1	BH-19 F G	2	X	X			X			
	1/23/2023	SO	1	BH-22 H H	3	X	X			X			
	1/23/2023	SO	1	BH-28 H H	4	X	X			X			
	1/23/2023	SO	1	BH-29 H H	5	X	X			X			
	1/23/2023	SO	1	SW-19 F G	6	X	X			X			Changed Sample #7 Name per Nate 1/30/23 CC
	1/23/2023	SO	1	SW-26 F SW-28E	7	X	X			X			
	1/23/2023	SO	1	SW-7E	8	X	X			X			
	1/23/2023	SO	1	SW-8F	9	X	X			X			
	1/23/2023	SO	1	SW-33A	10	X	X			X			

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; daniel.sparks@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp below 0 but less than 6 °C on subsequent days.					
Sampled by: Daniel Sparks											
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only					
D Sparks	1-25-23	15:30	[Signature]	1-25-23	15:30	Received on ice: Y/ N					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 T2 T3					
[Signature]	1-25-23	1700	[Signature]	1-25-23	1730						
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C 4					
[Signature]	1-25-23	2315	[Signature]	1/26/23	8:25						
Sample Matrix: S - Soil, SD - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.


envirotech



Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 /Saguaro Water Transfer

Work Order: E302025

Job Number: 19034-0001

Received: 2/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/8/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/8/23



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

Project Name: 12585792 /Saguaro Water Transfer
Workorder: E302025
Date Received: 2/7/2023 8:14:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/7/2023 8:14:00AM, under the Project Name: 12585792 /Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 /Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
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Sample Summary

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	02/08/23 14:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-33B	E302025-01A	Soil	02/02/23	02/07/23	Glass Jar, 4 oz.
SW-26F	E302025-02A	Soil	02/02/23	02/07/23	Glass Jar, 4 oz.
SW-15D	E302025-03A	Soil	02/02/23	02/07/23	Glass Jar, 4 oz.
SW-35	E302025-04A	Soil	02/02/23	02/07/23	Glass Jar, 4 oz.
SW-36	E302025-05A	Soil	02/02/23	02/07/23	Glass Jar, 4 oz.
SW-37	E302025-06A	Soil	02/02/23	02/07/23	Glass Jar, 4 oz.
SW-38	E302025-07A	Soil	02/02/23	02/07/23	Glass Jar, 4 oz.
SW-39	E302025-08A	Soil	02/02/23	02/07/23	Glass Jar, 4 oz.
SW-40	E302025-09A	Soil	02/02/23	02/07/23	Glass Jar, 4 oz.
SW-41	E302025-10A	Soil	02/02/23	02/07/23	Glass Jar, 4 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: 12585792 /Saguaro Water Transfer Project Number: 19034-0001 Project Manager: Nate Reece	Reported: 2/8/2023 2:57:32PM
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SW-33B

E302025-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2306010	
Benzene	ND	0.0250	1	02/06/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/06/23	02/07/23	
Toluene	ND	0.0250	1	02/06/23	02/07/23	
o-Xylene	ND	0.0250	1	02/06/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/06/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/06/23	02/07/23	
<i>Surrogate: Bromofluorobenzene</i>	90.4 %	70-130		02/06/23	02/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.6 %	70-130		02/06/23	02/07/23	
<i>Surrogate: Toluene-d8</i>	100 %	70-130		02/06/23	02/07/23	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2306010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/23	02/07/23	
<i>Surrogate: Bromofluorobenzene</i>	90.4 %	70-130		02/06/23	02/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.6 %	70-130		02/06/23	02/07/23	
<i>Surrogate: Toluene-d8</i>	100 %	70-130		02/06/23	02/07/23	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2306022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/07/23	
<i>Surrogate: n-Nonane</i>	88.1 %	50-200		02/07/23	02/07/23	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2306024	
Chloride	ND	200	10	02/07/23	02/07/23	



Sample Data

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

Project Name: 12585792 /Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
2/8/2023 2:57:32PM

SW-26F

E302025-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2306010	
Benzene	ND	0.0250	1	02/06/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/06/23	02/07/23	
Toluene	ND	0.0250	1	02/06/23	02/07/23	
o-Xylene	ND	0.0250	1	02/06/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/06/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4	92.8 %	70-130		02/06/23	02/07/23	
Surrogate: Toluene-d8	102 %	70-130		02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2306010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4	92.8 %	70-130		02/06/23	02/07/23	
Surrogate: Toluene-d8	102 %	70-130		02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2306022	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/07/23	
Surrogate: n-Nonane	82.4 %	50-200		02/07/23	02/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: BA		Batch: 2306024	
Chloride	ND	200	10	02/07/23	02/07/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

SW-15D

E302025-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2306010	
Benzene	ND	0.0250	1	02/06/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/06/23	02/07/23	
Toluene	ND	0.0250	1	02/06/23	02/07/23	
o-Xylene	ND	0.0250	1	02/06/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/06/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/06/23	02/07/23	
<i>Surrogate: Bromofluorobenzene</i>	92.2 %	70-130		02/06/23	02/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.0 %	70-130		02/06/23	02/07/23	
<i>Surrogate: Toluene-d8</i>	100 %	70-130		02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2306010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/23	02/07/23	
<i>Surrogate: Bromofluorobenzene</i>	92.2 %	70-130		02/06/23	02/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	94.0 %	70-130		02/06/23	02/07/23	
<i>Surrogate: Toluene-d8</i>	100 %	70-130		02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2306022	
Diesel Range Organics (C10-C28)	50.3	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/07/23	
<i>Surrogate: n-Nonane</i>	85.8 %	50-200		02/07/23	02/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2306024	
Chloride	429	200	10	02/07/23	02/07/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

SW-35

E302025-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Benzene	ND	0.0250	1	02/06/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/06/23	02/07/23	
Toluene	ND	0.0250	1	02/06/23	02/07/23	
o-Xylene	ND	0.0250	1	02/06/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/06/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/06/23	02/07/23	
<i>Surrogate: Bromofluorobenzene</i>	93.3 %	70-130		02/06/23	02/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97.4 %	70-130		02/06/23	02/07/23	
<i>Surrogate: Toluene-d8</i>	101 %	70-130		02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/23	02/07/23	
<i>Surrogate: Bromofluorobenzene</i>	93.3 %	70-130		02/06/23	02/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	97.4 %	70-130		02/06/23	02/07/23	
<i>Surrogate: Toluene-d8</i>	101 %	70-130		02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2306022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/07/23	
<i>Surrogate: n-Nonane</i>	103 %	50-200		02/07/23	02/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2306024
Chloride	ND	200	10	02/07/23	02/07/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

SW-36

E302025-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Benzene	ND	0.0250	1	02/06/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/06/23	02/07/23	
Toluene	ND	0.0250	1	02/06/23	02/07/23	
o-Xylene	ND	0.0250	1	02/06/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/06/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene		107 %	70-130	02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	02/06/23	02/07/23	
Surrogate: Toluene-d8		91.1 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene		107 %	70-130	02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4		116 %	70-130	02/06/23	02/07/23	
Surrogate: Toluene-d8		91.1 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2306022
Diesel Range Organics (C10-C28)	192	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	60.6	50.0	1	02/07/23	02/07/23	
Surrogate: n-Nonane		99.1 %	50-200	02/07/23	02/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306024
Chloride	387	200	10	02/07/23	02/07/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

SW-37

E302025-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Benzene	ND	0.0250	1	02/06/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/06/23	02/07/23	
Toluene	ND	0.0250	1	02/06/23	02/07/23	
o-Xylene	ND	0.0250	1	02/06/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/06/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene		105 %	70-130	02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	02/06/23	02/07/23	
Surrogate: Toluene-d8		90.3 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene		105 %	70-130	02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	02/06/23	02/07/23	
Surrogate: Toluene-d8		90.3 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2306022
Diesel Range Organics (C10-C28)	51.8	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/07/23	
Surrogate: n-Nonane		97.9 %	50-200	02/07/23	02/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306024
Chloride	ND	200	10	02/07/23	02/07/23	



Sample Data

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

Project Name: 12585792 /Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
2/8/2023 2:57:32PM

SW-38

E302025-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Benzene	ND	0.0250	1	02/06/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/06/23	02/07/23	
Toluene	ND	0.0250	1	02/06/23	02/07/23	
o-Xylene	ND	0.0250	1	02/06/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/06/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene		103 %	70-130	02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	02/06/23	02/07/23	
Surrogate: Toluene-d8		89.7 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene		103 %	70-130	02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4		114 %	70-130	02/06/23	02/07/23	
Surrogate: Toluene-d8		89.7 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2306022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/07/23	
Surrogate: n-Nonane		85.8 %	50-200	02/07/23	02/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306024
Chloride	278	200	10	02/07/23	02/07/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

SW-39

E302025-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Benzene	ND	0.0250	1	02/06/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/06/23	02/07/23	
Toluene	ND	0.0250	1	02/06/23	02/07/23	
o-Xylene	ND	0.0250	1	02/06/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/06/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene		102 %	70-130	02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4		119 %	70-130	02/06/23	02/07/23	
Surrogate: Toluene-d8		89.8 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene		102 %	70-130	02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4		119 %	70-130	02/06/23	02/07/23	
Surrogate: Toluene-d8		89.8 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2306022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/07/23	
Surrogate: n-Nonane		89.2 %	50-200	02/07/23	02/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306024
Chloride	ND	200	10	02/07/23	02/07/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

SW-40

E302025-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2306010	
Benzene	ND	0.0250	1	02/06/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/06/23	02/07/23	
Toluene	ND	0.0250	1	02/06/23	02/07/23	
o-Xylene	ND	0.0250	1	02/06/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/06/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/06/23	02/07/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	02/06/23	02/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	02/06/23	02/07/23	
<i>Surrogate: Toluene-d8</i>		90.5 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2306010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/23	02/07/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	02/06/23	02/07/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		114 %	70-130	02/06/23	02/07/23	
<i>Surrogate: Toluene-d8</i>		90.5 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2306022	
Diesel Range Organics (C10-C28)	96.8	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	70.1	50.0	1	02/07/23	02/07/23	
<i>Surrogate: n-Nonane</i>		97.2 %	50-200	02/07/23	02/07/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2306024	
Chloride	612	200	10	02/07/23	02/07/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

SW-41

E302025-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Benzene	ND	0.0250	1	02/06/23	02/07/23	
Ethylbenzene	ND	0.0250	1	02/06/23	02/07/23	
Toluene	ND	0.0250	1	02/06/23	02/07/23	
o-Xylene	ND	0.0250	1	02/06/23	02/07/23	
p,m-Xylene	ND	0.0500	1	02/06/23	02/07/23	
Total Xylenes	ND	0.0250	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene		104 %	70-130	02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4		118 %	70-130	02/06/23	02/07/23	
Surrogate: Toluene-d8		90.4 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/06/23	02/07/23	
Surrogate: Bromofluorobenzene		104 %	70-130	02/06/23	02/07/23	
Surrogate: 1,2-Dichloroethane-d4		118 %	70-130	02/06/23	02/07/23	
Surrogate: Toluene-d8		90.4 %	70-130	02/06/23	02/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2306022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/23	02/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/23	02/07/23	
Surrogate: n-Nonane		98.5 %	50-200	02/07/23	02/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306024
Chloride	689	200	10	02/07/23	02/07/23	



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2306010-BLK1)

Prepared: 02/06/23 Analyzed: 02/06/23

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	0.462		0.500		92.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS (2306010-BS1)

Prepared: 02/06/23 Analyzed: 02/06/23

Benzene	2.49	0.0250	2.50		99.5	70-130			
Ethylbenzene	2.45	0.0250	2.50		98.0	70-130			
Toluene	2.51	0.0250	2.50		100	70-130			
o-Xylene	2.60	0.0250	2.50		104	70-130			
p,m-Xylene	4.98	0.0500	5.00		99.6	70-130			
Total Xylenes	7.58	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.477		0.500		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

LCS Dup (2306010-BSD1)

Prepared: 02/06/23 Analyzed: 02/06/23

Benzene	2.66	0.0250	2.50		106	70-130	6.55	23	
Ethylbenzene	2.66	0.0250	2.50		106	70-130	8.35	27	
Toluene	2.71	0.0250	2.50		108	70-130	7.73	24	
o-Xylene	2.82	0.0250	2.50		113	70-130	8.23	27	
p,m-Xylene	5.41	0.0500	5.00		108	70-130	8.29	27	
Total Xylenes	8.23	0.0250	7.50		110	70-130	8.27	27	
Surrogate: Bromofluorobenzene	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2306010-BLK1)

Prepared: 02/06/23 Analyzed: 02/06/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.462		0.500		92.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

LCS (2306010-BS2)

Prepared: 02/06/23 Analyzed: 02/07/23

Gasoline Range Organics (C6-C10)	62.5	20.0	50.0		125	70-130			
Surrogate: Bromofluorobenzene	0.458		0.500		91.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

LCS Dup (2306010-BSD2)

Prepared: 02/06/23 Analyzed: 02/07/23

Gasoline Range Organics (C6-C10)	62.1	20.0	50.0		124	70-130	0.647	20	
Surrogate: Bromofluorobenzene	0.460		0.500		92.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2306022-BLK1)

Prepared: 02/07/23 Analyzed: 02/07/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	48.3		50.0		96.5	50-200			

LCS (2306022-BS1)

Prepared: 02/07/23 Analyzed: 02/07/23

Diesel Range Organics (C10-C28)	219	25.0	250		87.8	38-132			
Surrogate: <i>n</i> -Nonane	47.0		50.0		94.1	50-200			

Matrix Spike (2306022-MS1)

Source: E302025-07

Prepared: 02/07/23 Analyzed: 02/07/23

Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132			
Surrogate: <i>n</i> -Nonane	47.7		50.0		95.5	50-200			

Matrix Spike Dup (2306022-MSD1)

Source: E302025-07

Prepared: 02/07/23 Analyzed: 02/07/23

Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.3	38-132	2.98	20	
Surrogate: <i>n</i> -Nonane	45.6		50.0		91.2	50-200			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/8/2023 2:57:32PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2306024-BLK1)					Prepared: 02/07/23 Analyzed: 02/07/23				
Chloride	ND	20.0							
LCS (2306024-BS1)					Prepared: 02/07/23 Analyzed: 02/07/23				
Chloride	244	20.0	250		97.8	90-110			
Matrix Spike (2306024-MS1)					Source: E302025-01		Prepared: 02/07/23 Analyzed: 02/07/23		
Chloride	387	200	250	ND	155	80-120			M6
Matrix Spike Dup (2306024-MSD1)					Source: E302025-01		Prepared: 02/07/23 Analyzed: 02/07/23		
Chloride	391	200	250	ND	157	80-120	1.18	20	M6

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:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	02/08/23 14:57

- M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
- 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.



Project Information

Chain of Custody

Client: GHD Project: 12585792/ Saguaro Water Transfer Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:					Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com					Lab Use Only Lab WO# E302025 Job Number 19034-0001 Analysis and Method					TAT 1D 2D 3D Standard				EPA Program CWA SDWA	
										1D 2D 3D Standard				RCRA						
										State NM CO UT AZ TX										
										Remarks										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDOC TX								
	2/2/2023	SO	1	SW-33B	1	X	X			X										
	2/2/2023	SO	1	SW-26F	2	X	X			X										
	2/2/2023	SO	1	SW-15D	3	X	X			X										
	2/2/2023	SO	1	SW-35	4	X	X			X										
	2/2/2023	SO	1	SW-36	5	X	X			X										
	2/2/2023	SO	1	SW-37	6	X	X			X										
	2/2/2023	SO	1	SW-38	7	X	X			X										
	2/2/2023	SO	1	SW-39	8	X	X			X										
	2/2/2023	SO	1	SW-40	9	X	X			X										
	2/2/2023	SO	1	SW-41	10	X	X			X										

Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; daniel.sparks@ghd.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature) *D Sparks* Date 2/6/23 Time 12:00 Received by: (Signature) *Michelle Gye* Date 2/6/23 Time 12:00

Relinquished by: (Signature) *Michelle Gye* Date 2/6/23 Time 1615 Received by: (Signature) *Lorenzo Leri* Date 2-6-23 Time 1700

Relinquished by: (Signature) *Lorenzo Leri* Date 2-6-23 Time 2300 Received by: (Signature) *Castro Chito* Date 2/7/23 Time 8:14

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 2/7/2023 8:32:11AM

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:	02/07/23 08:14	Work Order ID:	E302025
Phone:	(505) 884-0672	Date Logged In:	02/06/23 13:44	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	02/07/23 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Time sampled not provided on COC by client.

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 /Saguaro Water Transfer

Work Order: E302034

Job Number: 19034-0001

Received: 2/8/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/9/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/9/23



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

Project Name: 12585792 /Saguaro Water Transfer
Workorder: E302034
Date Received: 2/8/2023 7:00:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/8/2023 7:00:00AM, under the Project Name: 12585792 /Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 /Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	02/09/23 14:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-42	E302034-01A	Soil	02/02/23	02/08/23	Glass Jar, 2 oz.
BH-37	E302034-02A	Soil	02/02/23	02/08/23	Glass Jar, 2 oz.
BH-38	E302034-03A	Soil	02/02/23	02/08/23	Glass Jar, 2 oz.



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/9/2023 2:09:53PM

SW-42

E302034-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2306040	
Benzene	ND	0.0250	1	02/08/23	02/08/23	
Ethylbenzene	ND	0.0250	1	02/08/23	02/08/23	
Toluene	ND	0.0250	1	02/08/23	02/08/23	
o-Xylene	ND	0.0250	1	02/08/23	02/08/23	
p,m-Xylene	ND	0.0500	1	02/08/23	02/08/23	
Total Xylenes	ND	0.0250	1	02/08/23	02/08/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/08/23	02/08/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	02/08/23	02/08/23	
<i>Surrogate: Toluene-d8</i>		89.4 %	70-130	02/08/23	02/08/23	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2306040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/23	02/08/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	02/08/23	02/08/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	70-130	02/08/23	02/08/23	
<i>Surrogate: Toluene-d8</i>		89.4 %	70-130	02/08/23	02/08/23	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2306043	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/08/23	02/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/08/23	02/08/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	02/08/23	02/08/23	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2306045	
Chloride	ND	200	10	02/08/23	02/08/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/9/2023 2:09:53PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-37

E302034-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306040
Benzene	ND	0.0250	1	02/08/23	02/08/23	
Ethylbenzene	ND	0.0250	1	02/08/23	02/08/23	
Toluene	ND	0.0250	1	02/08/23	02/08/23	
o-Xylene	ND	0.0250	1	02/08/23	02/08/23	
p,m-Xylene	ND	0.0500	1	02/08/23	02/08/23	
Total Xylenes	ND	0.0250	1	02/08/23	02/08/23	
Surrogate: Bromofluorobenzene		107 %	70-130	02/08/23	02/08/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	02/08/23	02/08/23	
Surrogate: Toluene-d8		89.9 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/23	02/08/23	
Surrogate: Bromofluorobenzene		107 %	70-130	02/08/23	02/08/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	02/08/23	02/08/23	
Surrogate: Toluene-d8		89.9 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2306043
Diesel Range Organics (C10-C28)	521	125	5	02/08/23	02/08/23	
Oil Range Organics (C28-C36)	392	250	5	02/08/23	02/08/23	
Surrogate: n-Nonane		112 %	50-200	02/08/23	02/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306045
Chloride	3110	400	20	02/08/23	02/08/23	



Sample Data

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

Project Name: 12585792 /Saguaro Water Transfer
Project Number: 19034-0001
Project Manager: Nate Reece

Reported:
2/9/2023 2:09:53PM

BH-38

E302034-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306040
Benzene	ND	0.0250	1	02/08/23	02/08/23	
Ethylbenzene	ND	0.0250	1	02/08/23	02/08/23	
Toluene	ND	0.0250	1	02/08/23	02/08/23	
o-Xylene	ND	0.0250	1	02/08/23	02/08/23	
p,m-Xylene	ND	0.0500	1	02/08/23	02/08/23	
Total Xylenes	ND	0.0250	1	02/08/23	02/08/23	
Surrogate: Bromofluorobenzene		104 %	70-130	02/08/23	02/08/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	02/08/23	02/08/23	
Surrogate: Toluene-d8		90.8 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306040
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/08/23	02/08/23	
Surrogate: Bromofluorobenzene		104 %	70-130	02/08/23	02/08/23	
Surrogate: 1,2-Dichloroethane-d4		113 %	70-130	02/08/23	02/08/23	
Surrogate: Toluene-d8		90.8 %	70-130	02/08/23	02/08/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2306043
Diesel Range Organics (C10-C28)	287	25.0	1	02/08/23	02/08/23	
Oil Range Organics (C28-C36)	211	50.0	1	02/08/23	02/08/23	
Surrogate: n-Nonane		103 %	50-200	02/08/23	02/08/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306045
Chloride	1910	400	20	02/08/23	02/08/23	



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/9/2023 2:09:53PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2306040-BLK1)

Prepared: 02/08/23 Analyzed: 02/08/23

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	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.577		0.500		115	70-130			
Surrogate: Toluene-d8	0.456		0.500		91.1	70-130			

LCS (2306040-BS1)

Prepared: 02/08/23 Analyzed: 02/08/23

Benzene	2.53	0.0250	2.50		101	70-130			
Ethylbenzene	2.28	0.0250	2.50		91.3	70-130			
Toluene	2.28	0.0250	2.50		91.3	70-130			
o-Xylene	2.36	0.0250	2.50		94.5	70-130			
p,m-Xylene	4.69	0.0500	5.00		93.8	70-130			
Total Xylenes	7.05	0.0250	7.50		94.1	70-130			
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.560		0.500		112	70-130			
Surrogate: Toluene-d8	0.460		0.500		91.9	70-130			

Matrix Spike (2306040-MS1)

Source: E302034-03

Prepared: 02/08/23 Analyzed: 02/08/23

Benzene	2.65	0.0250	2.50	ND	106	48-131			
Ethylbenzene	2.35	0.0250	2.50	ND	94.0	45-135			
Toluene	2.36	0.0250	2.50	ND	94.4	48-130			
o-Xylene	2.46	0.0250	2.50	ND	98.2	43-135			
p,m-Xylene	4.84	0.0500	5.00	ND	96.8	43-135			
Total Xylenes	7.30	0.0250	7.50	ND	97.3	43-135			
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.576		0.500		115	70-130			
Surrogate: Toluene-d8	0.454		0.500		90.7	70-130			

Matrix Spike Dup (2306040-MSD1)

Source: E302034-03

Prepared: 02/08/23 Analyzed: 02/08/23

Benzene	2.69	0.0250	2.50	ND	108	48-131	1.44	23	
Ethylbenzene	2.43	0.0250	2.50	ND	97.0	45-135	3.18	27	
Toluene	2.44	0.0250	2.50	ND	97.5	48-130	3.21	24	
o-Xylene	2.52	0.0250	2.50	ND	101	43-135	2.65	27	
p,m-Xylene	5.00	0.0500	5.00	ND	100	43-135	3.33	27	
Total Xylenes	7.53	0.0250	7.50	ND	100	43-135	3.10	27	
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.556		0.500		111	70-130			
Surrogate: Toluene-d8	0.452		0.500		90.4	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/9/2023 2:09:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2306040-BLK1)

Prepared: 02/08/23 Analyzed: 02/08/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.577		0.500		115	70-130			
Surrogate: Toluene-d8	0.456		0.500		91.1	70-130			

LCS (2306040-BS2)

Prepared: 02/08/23 Analyzed: 02/08/23

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.3	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.566		0.500		113	70-130			
Surrogate: Toluene-d8	0.460		0.500		92.0	70-130			

Matrix Spike (2306040-MS2)

Source: E302034-03

Prepared: 02/08/23 Analyzed: 02/08/23

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.7	70-130			
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.568		0.500		114	70-130			
Surrogate: Toluene-d8	0.456		0.500		91.2	70-130			

Matrix Spike Dup (2306040-MSD2)

Source: E302034-03

Prepared: 02/08/23 Analyzed: 02/08/23

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.3	70-130	2.41	20	
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.568		0.500		114	70-130			
Surrogate: Toluene-d8	0.453		0.500		90.6	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/9/2023 2:09:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2306043-BLK1)					Prepared: 02/08/23 Analyzed: 02/08/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.5		50.0		107	50-200			

LCS (2306043-BS1)					Prepared: 02/08/23 Analyzed: 02/08/23				
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			

Matrix Spike (2306043-MS1)					Source: E302034-01		Prepared: 02/08/23 Analyzed: 02/08/23		
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	50.8		50.0		102	50-200			

Matrix Spike Dup (2306043-MSD1)					Source: E302034-01		Prepared: 02/08/23 Analyzed: 02/08/23		
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132	3.74	20	
Surrogate: n-Nonane	46.4		50.0		92.8	50-200			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/9/2023 2:09:53PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2306045-BLK1)					Prepared: 02/08/23 Analyzed: 02/08/23				
Chloride	ND	20.0							
LCS (2306045-BS1)					Prepared: 02/08/23 Analyzed: 02/08/23				
Chloride	271	20.0	250		108	90-110			
Matrix Spike (2306045-MS1)					Source: E302034-01		Prepared: 02/08/23 Analyzed: 02/08/23		
Chloride	343	200	250	ND	137	80-120			M2
Matrix Spike Dup (2306045-MSD1)					Source: E302034-01		Prepared: 02/08/23 Analyzed: 02/08/23		
Chloride	365	200	250	ND	146	80-120	6.04	20	M2

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:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	02/09/23 14:09

- M2 Matrix spike recovery was outside quality control 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.



Envirotech Analytical Laboratory

Printed: 2/8/2023 12:17:08PM

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:	02/08/23 07:00	Work Order ID:	E302034
Phone:	(505) 884-0672	Date Logged In:	02/07/23 18:21	Logged In By:	Alexa Michaels
Email:	nate.reece@ghd.com	Due Date:	02/08/23 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Time Sampled were not provided on the COC per client

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 /Saguaro Water Transfer

Work Order: E302061

Job Number: 19034-0001

Received: 2/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/14/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/14/23



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

Project Name: 12585792 /Saguaro Water Transfer
Workorder: E302061
Date Received: 2/13/2023 8:15:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/13/2023 8:15:00AM, under the Project Name: 12585792 /Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 /Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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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:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	02/14/23 12:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW - 36A	E302061-01A	Soil	02/09/23	02/13/23	Glass Jar, 2 oz.
SW - 40A	E302061-02A	Soil	02/09/23	02/13/23	Glass Jar, 2 oz.
SW - 41A	E302061-03A	Soil	02/09/23	02/13/23	Glass Jar, 2 oz.
BH - 37A	E302061-04A	Soil	02/09/23	02/13/23	Glass Jar, 2 oz.
BH - 38A	E302061-05A	Soil	02/09/23	02/13/23	Glass Jar, 2 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: 12585792 /Saguaro Water Transfer Project Number: 19034-0001 Project Manager: Nate Reece	Reported: 2/14/2023 12:57:18PM
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SW - 36A

E302061-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2307009	
Benzene	ND	0.0250	1	02/13/23	02/13/23	
Ethylbenzene	ND	0.0250	1	02/13/23	02/13/23	
Toluene	ND	0.0250	1	02/13/23	02/13/23	
o-Xylene	ND	0.0250	1	02/13/23	02/13/23	
p,m-Xylene	ND	0.0500	1	02/13/23	02/13/23	
Total Xylenes	ND	0.0250	1	02/13/23	02/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	02/13/23	02/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2307009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/23	02/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	02/13/23	02/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2307002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/13/23	02/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/13/23	02/13/23	
<i>Surrogate: n-Nonane</i>		90.5 %	50-200	02/13/23	02/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2307003	
Chloride	2490	400	20	02/13/23	02/13/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/14/2023 12:57:18PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW - 40A

E302061-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2307009	
Benzene	ND	0.0250	1	02/13/23	02/13/23	
Ethylbenzene	ND	0.0250	1	02/13/23	02/13/23	
Toluene	ND	0.0250	1	02/13/23	02/13/23	
o-Xylene	ND	0.0250	1	02/13/23	02/13/23	
p,m-Xylene	ND	0.0500	1	02/13/23	02/13/23	
Total Xylenes	ND	0.0250	1	02/13/23	02/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	02/13/23	02/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2307009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/23	02/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	02/13/23	02/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2307002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/13/23	02/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/13/23	02/13/23	
<i>Surrogate: n-Nonane</i>		92.5 %	50-200	02/13/23	02/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2307003	
Chloride	3210	200	10	02/13/23	02/13/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/14/2023 12:57:18PM

SW - 41A

E302061-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2307009	
Benzene	ND	0.0250	1	02/13/23	02/13/23	
Ethylbenzene	ND	0.0250	1	02/13/23	02/13/23	
Toluene	ND	0.0250	1	02/13/23	02/13/23	
o-Xylene	ND	0.0250	1	02/13/23	02/13/23	
p,m-Xylene	ND	0.0500	1	02/13/23	02/13/23	
Total Xylenes	ND	0.0250	1	02/13/23	02/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	02/13/23	02/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2307009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/23	02/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.7 %	70-130	02/13/23	02/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2307002	
Diesel Range Organics (C10-C28)	240	25.0	1	02/13/23	02/13/23	
Oil Range Organics (C28-C36)	90.5	50.0	1	02/13/23	02/13/23	
<i>Surrogate: n-Nonane</i>		93.6 %	50-200	02/13/23	02/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2307003	
Chloride	ND	200	10	02/13/23	02/13/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/14/2023 12:57:18PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH - 37A

E302061-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2307009	
Benzene	ND	0.0250	1	02/13/23	02/13/23	
Ethylbenzene	0.0261	0.0250	1	02/13/23	02/13/23	
Toluene	ND	0.0250	1	02/13/23	02/13/23	
o-Xylene	0.0523	0.0250	1	02/13/23	02/13/23	
p,m-Xylene	0.230	0.0500	1	02/13/23	02/13/23	
Total Xylenes	0.282	0.0250	1	02/13/23	02/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		115 %	70-130	02/13/23	02/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2307009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/23	02/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.7 %	70-130	02/13/23	02/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2307002	
Diesel Range Organics (C10-C28)	1160	25.0	1	02/13/23	02/13/23	
Oil Range Organics (C28-C36)	526	50.0	1	02/13/23	02/13/23	
<i>Surrogate: n-Nonane</i>		94.4 %	50-200	02/13/23	02/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2307003	
Chloride	959	400	20	02/13/23	02/13/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/14/2023 12:57:18PM

BH - 38A

E302061-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2307009	
Benzene	ND	0.0250	1	02/13/23	02/13/23	
Ethylbenzene	ND	0.0250	1	02/13/23	02/13/23	
Toluene	ND	0.0250	1	02/13/23	02/13/23	
o-Xylene	ND	0.0250	1	02/13/23	02/13/23	
p,m-Xylene	ND	0.0500	1	02/13/23	02/13/23	
Total Xylenes	ND	0.0250	1	02/13/23	02/13/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	02/13/23	02/13/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2307009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/23	02/13/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	02/13/23	02/13/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2307002	
Diesel Range Organics (C10-C28)	50.7	25.0	1	02/13/23	02/13/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/13/23	02/13/23	
<i>Surrogate: n-Nonane</i>		93.3 %	50-200	02/13/23	02/13/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2307003	
Chloride	429	400	20	02/13/23	02/13/23	



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/14/2023 12:57:18PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2307009-BLK1)

Prepared: 02/13/23 Analyzed: 02/13/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.45		8.00		106	70-130			

LCS (2307009-BS1)

Prepared: 02/13/23 Analyzed: 02/13/23

Benzene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	5.01	0.0250	5.00		100	70-130			
Toluene	5.16	0.0250	5.00		103	70-130			
o-Xylene	5.18	0.0250	5.00		104	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.60		8.00		108	70-130			

Matrix Spike (2307009-MS1)

Source: E302061-05

Prepared: 02/13/23 Analyzed: 02/13/23

Benzene	4.79	0.0250	5.00	ND	95.8	54-133			
Ethylbenzene	4.75	0.0250	5.00	ND	95.0	61-133			
Toluene	4.89	0.0250	5.00	ND	97.8	61-130			
o-Xylene	4.92	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	9.61	0.0500	10.0	ND	96.1	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.42		8.00		105	70-130			

Matrix Spike Dup (2307009-MSD1)

Source: E302061-05

Prepared: 02/13/23 Analyzed: 02/13/23

Benzene	5.10	0.0250	5.00	ND	102	54-133	6.29	20	
Ethylbenzene	5.07	0.0250	5.00	ND	101	61-133	6.56	20	
Toluene	5.22	0.0250	5.00	ND	104	61-130	6.46	20	
o-Xylene	5.24	0.0250	5.00	ND	105	63-131	6.48	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	6.66	20	
Total Xylenes	15.5	0.0250	15.0	ND	103	63-131	6.60	20	
Surrogate: 4-Bromochlorobenzene-PID	8.49		8.00		106	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/14/2023 12:57:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2307009-BLK1)

Prepared: 02/13/23 Analyzed: 02/13/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.4	70-130			

LCS (2307009-BS2)

Prepared: 02/13/23 Analyzed: 02/13/23

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130			

Matrix Spike (2307009-MS2)

Source: E302061-05

Prepared: 02/13/23 Analyzed: 02/13/23

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			

Matrix Spike Dup (2307009-MSD2)

Source: E302061-05

Prepared: 02/13/23 Analyzed: 02/13/23

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130	3.38	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/14/2023 12:57:18PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2307002-BLK1)

Prepared: 02/13/23 Analyzed: 02/13/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.9	50-200			

LCS (2307002-BS1)

Prepared: 02/13/23 Analyzed: 02/13/23

Diesel Range Organics (C10-C28)	215	25.0	250		86.0	38-132			
Surrogate: n-Nonane	51.1		50.0		102	50-200			

Matrix Spike (2307002-MS1)

Source: E302061-05

Prepared: 02/13/23 Analyzed: 02/13/23

Diesel Range Organics (C10-C28)	269	25.0	250	50.7	87.2	38-132			
Surrogate: n-Nonane	50.5		50.0		101	50-200			

Matrix Spike Dup (2307002-MSD1)

Source: E302061-05

Prepared: 02/13/23 Analyzed: 02/13/23

Diesel Range Organics (C10-C28)	261	25.0	250	50.7	84.1	38-132	2.93	20	
Surrogate: n-Nonane	48.6		50.0		97.2	50-200			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/14/2023 12:57:18PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2307003-BLK1)					Prepared: 02/13/23 Analyzed: 02/13/23				
Chloride	ND	20.0							
LCS (2307003-BS1)					Prepared: 02/13/23 Analyzed: 02/13/23				
Chloride	247	20.0	250		99.0	90-110			
Matrix Spike (2307003-MS1)					Source: E302062-01		Prepared: 02/13/23 Analyzed: 02/13/23		
Chloride	284	20.0	250	35.5	99.3	80-120			
Matrix Spike Dup (2307003-MSD1)					Source: E302062-01		Prepared: 02/13/23 Analyzed: 02/13/23		
Chloride	284	20.0	250	35.5	99.4	80-120	0.107	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:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	02/14/23 12:57

- 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.

Project Information

Chain of Custody

Page 1 of 1

Client: GHD Project: 12585792/ Saguaro Water Transfer Project Manager: Nate Reece / JT Murrey Address: 6121 Indian School Rd. NE St. 200 City, State, Zip: Albuquerque, NM 87110 Phone: (281)386-7158 Email: nate.reece@ghd.com Report due by:		Bill To Attention: EOG Amber Griffin Address: 1045 4th St. City, State, Zip: Artesia, NM 88210 Phone: Email: amber_griffin@eogresources.com		Lab Use Only Lab WO# E 302061 Job Number 19034-000 Analysis and Method TPH GRQ/DRO/ORO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM GDGC TX TAT 1D 2D 3D Standard CWA SDWA RCRA State NM CO UT AZ TX Remarks									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRQ/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	GDGC TX	Remarks
	2/9/2023	SO	1	SW-36A	1	X	X		X				
	2/9/2023	SO	1	SW-40A	2	X	X		X				
	2/9/2023	SO	1	SW-41A	3	X	X		X				
	2/9/2023	SO	1	BH-37A	4	X	X		X				
	2/9/2023	SO	1	BH-38A	5	X	X		X				
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; daniel.sparks@ghd.com													
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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.			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only					
D Sparks		2-10-23	12:30	m. reece		2-10-23	12:31	Received on ice: [X] N					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3					
m. reece		2-10-23	22:00	D. Murrey		2/13/23	8:15	AVG Temp °C 4					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA			
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.													

Envirotech Analytical Laboratory

Printed: 2/13/2023 10:15:42AM

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: 02/13/23 08:15	Work Order ID: E302061
Phone: (505) 884-0672	Date Logged In: 02/10/23 15:32	Logged In By: Caitlin Christian
Email: nate.reece@ghd.com	Due Date: 02/14/23 07:00 (0 day TAT)	

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

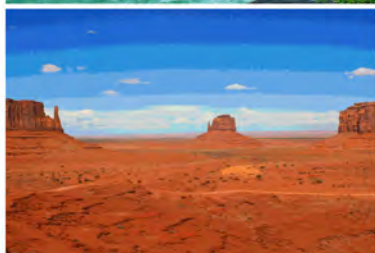
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 /Saguaro Water Transfer

Work Order: E302083

Job Number: 19034-0001

Received: 2/19/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/21/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
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Date Reported: 2/21/23



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

Project Name: 12585792 /Saguaro Water Transfer
Workorder: E302083
Date Received: 2/19/2023 10:15:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/19/2023 10:15:00AM, under the Project Name: 12585792 /Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 /Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	02/21/23 11:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-36B	E302083-01A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
SW-40B	E302083-02A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
SW-41B	E302083-03A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
BH-37B	E302083-04A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
BH-39	E302083-05A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
BH-40	E302083-06A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
BH-41	E302083-07A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
BG-42	E302083-08A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
BH-43	E302083-09A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
BH-44	E302083-10A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
BH-45	E302083-11A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
BH-46	E302083-12A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.
BH-47	E302083-13A	Soil	02/14/23	02/19/23	Glass Jar, 4 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: 12585792 /Saguaro Water Transfer Project Number: 19034-0001 Project Manager: Nate Reece	Reported: 2/21/2023 11:57:50AM
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SW-36B

E302083-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
Surrogate: 4-Bromochlorobenzene-PID	98.2 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.0 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/23	02/20/23	
Surrogate: n-Nonane	92.9 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	ND	200	10	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/21/2023 11:57:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-40B

E302083-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.8 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.6 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	104 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	59.8	20.0	1	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/21/2023 11:57:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW-41B

E302083-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.0 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.3 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	92.1 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	ND	200	10	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/21/2023 11:57:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-37B

E302083-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.0 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.1 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	42.0	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	101 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	ND	400	20	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/21/2023 11:57:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-39

E302083-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.8 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.3 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	101 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	ND	400	20	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/21/2023 11:57:50AM

BH-40

E302083-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.6 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.4 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	105 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	442	400	20	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/21/2023 11:57:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-41

E302083-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.8 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.4 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	119	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	105 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	477	400	20	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/21/2023 11:57:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BG-42

E302083-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.2 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.9 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	98.5 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	ND	400	20	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/21/2023 11:57:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-43

E302083-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.8 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.9 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	26.4	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	96.5 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	ND	400	20	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/21/2023 11:57:50AM

BH-44

E302083-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.8 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.0 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	102 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	543	400	20	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/21/2023 11:57:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-45

E302083-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.3 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.0 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	112	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	99.4	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	108 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	434	400	20	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/21/2023 11:57:50AM

BH-46

E302083-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2308002
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %	70-130	02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2308002
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2308006
Diesel Range Organics (C10-C28)	152	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	127	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: KL		Batch: 2308003
Chloride	ND	400	20	02/20/23	02/20/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/21/2023 11:57:50AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-47

E302083-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Benzene	ND	0.0250	1	02/19/23	02/20/23	
Ethylbenzene	ND	0.0250	1	02/19/23	02/20/23	
Toluene	ND	0.0250	1	02/19/23	02/20/23	
o-Xylene	ND	0.0250	1	02/19/23	02/20/23	
p,m-Xylene	ND	0.0500	1	02/19/23	02/20/23	
Total Xylenes	ND	0.0250	1	02/19/23	02/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.0 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2308002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/23	02/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.5 %	70-130		02/19/23	02/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308006	
Diesel Range Organics (C10-C28)	97.5	25.0	1	02/20/23	02/20/23	
Oil Range Organics (C28-C36)	82.0	50.0	1	02/20/23	02/20/23	
<i>Surrogate: n-Nonane</i>	102 %	50-200		02/20/23	02/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL		Batch: 2308003	
Chloride	ND	400	20	02/20/23	02/20/23	



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/21/2023 11:57:50AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2308002-BLK1)

Prepared: 02/19/23 Analyzed: 02/20/23

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	7.84		8.00		98.0	70-130			

LCS (2308002-BS1)

Prepared: 02/19/23 Analyzed: 02/20/23

Benzene	4.32	0.0250	5.00		86.3	70-130			
Ethylbenzene	4.47	0.0250	5.00		89.5	70-130			
Toluene	4.56	0.0250	5.00		91.2	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.09	0.0500	10.0		90.9	70-130			
Total Xylenes	13.7	0.0250	15.0		91.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.2	70-130			

Matrix Spike (2308002-MS1)

Source: E302083-02

Prepared: 02/19/23 Analyzed: 02/20/23

Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	5.18	0.0250	5.00	ND	104	61-133			
Toluene	5.28	0.0250	5.00	ND	106	61-130			
o-Xylene	5.33	0.0250	5.00	ND	107	63-131			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131			
Total Xylenes	15.8	0.0250	15.0	ND	105	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			

Matrix Spike Dup (2308002-MSD1)

Source: E302083-02

Prepared: 02/19/23 Analyzed: 02/20/23

Benzene	4.48	0.0250	5.00	ND	89.6	54-133	10.9	20	
Ethylbenzene	4.63	0.0250	5.00	ND	92.6	61-133	11.2	20	
Toluene	4.72	0.0250	5.00	ND	94.5	61-130	11.1	20	
o-Xylene	4.77	0.0250	5.00	ND	95.5	63-131	11.1	20	
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	63-131	11.0	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.4	63-131	11.0	20	
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/21/2023 11:57:50AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2308002-BLK1)

Prepared: 02/19/23 Analyzed: 02/20/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			

LCS (2308002-BS2)

Prepared: 02/19/23 Analyzed: 02/20/23

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			

Matrix Spike (2308002-MS2)

Source: E302083-02

Prepared: 02/19/23 Analyzed: 02/20/23

Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.91		8.00		86.4	70-130			

Matrix Spike Dup (2308002-MSD2)

Source: E302083-02

Prepared: 02/19/23 Analyzed: 02/20/23

Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.7	70-130	0.779	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/21/2023 11:57:50AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2308006-BLK1)

Prepared: 02/20/23 Analyzed: 02/20/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.0		50.0		104	50-200			

LCS (2308006-BS1)

Prepared: 02/20/23 Analyzed: 02/20/23

Diesel Range Organics (C10-C28)	201	25.0	250		80.3	38-132			
Surrogate: n-Nonane	51.6		50.0		103	50-200			

Matrix Spike (2308006-MS1)

Source: E302083-01

Prepared: 02/20/23 Analyzed: 02/20/23

Diesel Range Organics (C10-C28)	212	25.0	250	ND	84.7	38-132			
Surrogate: n-Nonane	48.2		50.0		96.4	50-200			

Matrix Spike Dup (2308006-MSD1)

Source: E302083-01

Prepared: 02/20/23 Analyzed: 02/20/23

Diesel Range Organics (C10-C28)	221	25.0	250	ND	88.3	38-132	4.21	20	
Surrogate: n-Nonane	49.3		50.0		98.7	50-200			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/21/2023 11:57:50AM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2308003-BLK1)					Prepared: 02/20/23 Analyzed: 02/20/23				
Chloride	ND	20.0							
LCS (2308003-BS1)					Prepared: 02/20/23 Analyzed: 02/20/23				
Chloride	248	20.0	250		99.3	90-110			
Matrix Spike (2308003-MS1)					Source: E302083-01		Prepared: 02/20/23 Analyzed: 02/20/23		
Chloride	265	200	250	ND	106	80-120			
Matrix Spike Dup (2308003-MSD1)					Source: E302083-01		Prepared: 02/20/23 Analyzed: 02/20/23		
Chloride	275	200	250	ND	110	80-120	3.96	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:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	02/21/23 11:57

- 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.

Project Information

Chain of Custody

Page 1 of 2

Client: GHD					Bill To					Lab Use Only					TAT				EPA Program		
Project: 12585792/ Saguaro Water Transfer					Attention: EOG Amber Griffin					Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Nate Reece / JT Murrey					Address: 1045 4th St.					E 302083		19034-0001			X						
Address: 6121 Indian School Rd. NE St. 200					City, State, Zip: Artesia, NM 88210					Analysis and Method										RCRA	
City, State, Zip: Albuquerque, NM 87110					Phone:					TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0				BGDOC NM		TX	
Phone: (281)386-7158					Email: amber_griffin@eogresources.com																
Email: nate.reece@ghd.com																					
Report due by:																					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																
	2/14/2023	SO	1	SW-36B	1	X	X			X											
	2/14/2023	SO	1	SW-40B	2	X	X			X											
	2/14/2023	SO	1	SW-41B	3	X	X			X											
	2/14/2023	SO	1	BH-37	4	X	X			X											
	2/14/2023	SO	1	BH-39	5	X	X			X											
	2/14/2023	SO	1	BH-40	6	X	X			X											
	2/14/2023	SO	1	BH-41	7	X	X			X											
	2/14/2023	SO	1	BH-42	8	X	X			X											
	2/14/2023	SO	1	BH-43	9	X	X			X											
	2/14/2023	SO	1	BH-44	10	X	X			X											
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; daniel.sparks@ghd.com																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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.											
Relinquished by: (Signature) <i>D Sparks</i>										Lab Use Only											
Date 2-17-23 Time 13:30										Received on ice: (Y) / N											
Relinquished by: (Signature) <i>m. sparks</i>										T1 T2 T3											
Date 2-17-23 Time 16:30										AVG Temp °C 4											
Relinquished by: (Signature)										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA											
Date										Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.											



Envirotech Analytical Laboratory

Printed: 2/20/2023 9:02:31AM

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:	02/19/23 10:15	Work Order ID:	E302083
Phone:	(505) 884-0672	Date Logged In:	02/17/23 14:15	Logged In By:	Alexa Michaels
Email:	nate.reece@ghd.com	Due Date:	02/20/23 07:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Time sampled not provided on coc pages 1 of 2 and 2 of 2.

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

Date



envirotech Inc.

Project Information

Chain of Custody

Page 1 of 2

Client: GHD					Bill To		Lab Use Only				TAT				EPA Program		
Project: 12585792/ Saguaro Water Transfer					Attention: EOG Amber Griffin		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Nate Reece / JT Murrey					Address: 1045 4th St.		E 302083		19034-0001		X						
Address: 6121 Indian School Rd. NE St. 200					City, State, Zip: Artesia, NM 88210		Analysis and Method									RCRA	
City, State, Zip: Albuquerque, NM 87110					Phone:												
Phone: (281)386-7158					Email: amber_griffin@eogresources.com											State	
Email: nate.reece@ghd.com																NM CO UT AZ TX	
Report due by:																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	TX	Remarks			
	2/14/2023	SO	1	SW-36B	1	X	X			X							
	2/14/2023	SO	1	SW-40B	2	X	X			X							
	2/14/2023	SO	1	SW-41B	3	X	X			X							
	2/14/2023	SO	1	BH-37 B	4	X	X			X							
	2/14/2023	SO	1	BH-39	5	X	X			X							
	2/14/2023	SO	1	BH-40	6	X	X			X							
	2/14/2023	SO	1	BH-41	7	X	X			X				Nate asked to			
	2/14/2023	SO	1	BH-42	8	X	X			X				rename Sample # 4			
	2/14/2023	SO	1	BH-43	9	X	X			X				to BH-37B			
	2/14/2023	SO	1	BH-44	10	X	X			X				2/21/23 CC			
Additional Instructions: Please email results to: amber_griffin@eogresources.com; chase_settle@eogresources.com; jt.murrey@ghd.com; daniel.sparks@ghd.com																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											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.						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only									
D Sparks		2-17-23	13:30	m. reece		2-17-23	13:30	Received on ice: (Y) / N									
m. reece		2-17-23	16:30					T1 T2 T3									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C 4									
				Zachary B. B. B.		2/19/23	10:15										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	


envirotech



Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 /Saguaro Water Transfer

Work Order: E302106

Job Number: 19034-0001

Received: 2/24/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/27/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/27/23



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

Project Name: 12585792 /Saguaro Water Transfer
Workorder: E302106
Date Received: 2/24/2023 8:15:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/24/2023 8:15:00AM, under the Project Name: 12585792 /Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 /Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
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Sample Summary

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	02/27/23 12:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH-41A	E302106-01A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
BH-45A	E302106-02A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
BH-46A	E302106-03A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.
BH-47A	E302106-04A	Soil	02/21/23	02/24/23	Glass Jar, 2 oz.



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/27/2023 12:16:19PM

BH-41A

E302106-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2308041	
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.6 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2308041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.1 %	70-130		02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/24/23	
<i>Surrogate: n-Nonane</i>	108 %	50-200		02/24/23	02/24/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2308049	
Chloride	182	100	5	02/24/23	02/24/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/27/2023 12:16:19PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-45A

E302106-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2308041	
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2308041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.7 %	70-130	02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/24/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	02/24/23	02/24/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2308049	
Chloride	21.6	20.0	1	02/24/23	02/24/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/27/2023 12:16:19PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-46A

E302106-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2308041	
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2308041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %	70-130	02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/24/23	
<i>Surrogate: n-Nonane</i>		99.8 %	50-200	02/24/23	02/24/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2308049	
Chloride	ND	100	5	02/24/23	02/24/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 2/27/2023 12:16:19PM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

BH-47A

E302106-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2308041	
Benzene	ND	0.0250	1	02/24/23	02/24/23	
Ethylbenzene	ND	0.0250	1	02/24/23	02/24/23	
Toluene	ND	0.0250	1	02/24/23	02/24/23	
o-Xylene	ND	0.0250	1	02/24/23	02/24/23	
p,m-Xylene	ND	0.0500	1	02/24/23	02/24/23	
Total Xylenes	ND	0.0250	1	02/24/23	02/24/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2308041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/24/23	02/24/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.5 %	70-130	02/24/23	02/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2308045	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/24/23	02/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/24/23	02/24/23	
<i>Surrogate: n-Nonane</i>		103 %	50-200	02/24/23	02/24/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2308049	
Chloride	ND	200	10	02/24/23	02/24/23	



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/27/2023 12:16:19PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2308041-BLK1)

Prepared: 02/24/23 Analyzed: 02/24/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		101	70-130			

LCS (2308041-BS1)

Prepared: 02/24/23 Analyzed: 02/24/23

Benzene	4.83	0.0250	5.00		96.6	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	4.94	0.0250	5.00		98.8	70-130			
o-Xylene	4.96	0.0250	5.00		99.3	70-130			
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130			
Total Xylenes	14.7	0.0250	15.0		98.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.35		8.00		104	70-130			

LCS Dup (2308041-BSD1)

Prepared: 02/24/23 Analyzed: 02/24/23

Benzene	4.69	0.0250	5.00		93.9	70-130	2.85	20	
Ethylbenzene	4.68	0.0250	5.00		93.7	70-130	2.63	20	
Toluene	4.81	0.0250	5.00		96.1	70-130	2.70	20	
o-Xylene	4.83	0.0250	5.00		96.6	70-130	2.69	20	
p,m-Xylene	9.50	0.0500	10.0		95.0	70-130	2.62	20	
Total Xylenes	14.3	0.0250	15.0		95.5	70-130	2.64	20	
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/27/2023 12:16:19PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2308041-BLK1) Prepared: 02/24/23 Analyzed: 02/24/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.8	70-130			

LCS (2308041-BS2) Prepared: 02/24/23 Analyzed: 02/24/23

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0		96.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			

LCS Dup (2308041-BSD2) Prepared: 02/24/23 Analyzed: 02/24/23

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.1	70-130	2.60	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/27/2023 12:16:19PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2308045-BLK1)

Prepared: 02/24/23 Analyzed: 02/24/23

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 (2308045-BS1)

Prepared: 02/24/23 Analyzed: 02/24/23

Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			

Matrix Spike (2308045-MS1)

Source: E302101-10

Prepared: 02/24/23 Analyzed: 02/24/23

Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			

Matrix Spike Dup (2308045-MSD1)

Source: E302101-10

Prepared: 02/24/23 Analyzed: 02/24/23

Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	38-132	2.40	20	
Surrogate: n-Nonane	53.0		50.0		106	50-200			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	2/27/2023 12:16:19PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2308049-BLK1)					Prepared: 02/24/23 Analyzed: 02/24/23				
Chloride	ND	20.0							
LCS (2308049-BS1)					Prepared: 02/24/23 Analyzed: 02/24/23				
Chloride	246	20.0	250		98.3	90-110			
Matrix Spike (2308049-MS1)					Source: E302101-01		Prepared: 02/24/23 Analyzed: 02/24/23		
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2308049-MSD1)					Source: E302101-01		Prepared: 02/24/23 Analyzed: 02/24/23		
Chloride	236	20.0	250	ND	94.2	80-120	6.03	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:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	02/27/23 12:16

- 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

Printed: 2/24/2023 9:04:54AM

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:	02/24/23 08:15	Work Order ID:	E302106
Phone:	(505) 884-0672	Date Logged In:	02/23/23 15:39	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	02/24/23 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

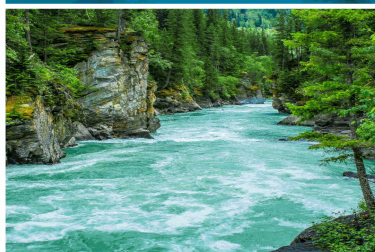
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Nate Reece



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: 12585792 /Saguaro Water Transfer

Work Order: E302115

Job Number: 19034-0001

Received: 2/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/1/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/1/23



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

Project Name: 12585792 /Saguaro Water Transfer
Workorder: E302115
Date Received: 2/28/2023 7:13:00AM

Nate Reece,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/28/2023 7:13:00AM, under the Project Name: 12585792 /Saguaro Water Transfer.

The analytical test results summarized in this report with the Project Name: 12585792 /Saguaro Water Transfer apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
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Alexa Michaels
Sample Custody Officer
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Field Offices:

Southern New Mexico Area
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Technical Representative/Client Services
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West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	03/01/23 10:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW - 43	E302115-01A	Soil	02/27/23	02/28/23	Glass Jar, 2 oz.
SW - 44	E302115-02A	Soil	02/27/23	02/28/23	Glass Jar, 2 oz.
SW - 45	E302115-03A	Soil	02/27/23	02/28/23	Glass Jar, 2 oz.



Sample Data

GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110	Project Name: 12585792 /Saguaro Water Transfer Project Number: 19034-0001 Project Manager: Nate Reece	Reported: 3/1/2023 10:55:22AM
--	---	---

SW - 43

E302115-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2309014	
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
Surrogate: 4-Bromochlorobenzene-PID	99.4 %	70-130		02/28/23	02/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2309014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.4 %	70-130		02/28/23	02/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2309002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/23	02/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/23	02/28/23	
Surrogate: n-Nonane	97.4 %	50-200		02/27/23	02/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2309019	
Chloride	26.0	20.0	1	02/28/23	02/28/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	3/1/2023 10:55:22AM

SW - 44

E302115-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2309014
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	02/28/23	02/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2309014
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.0 %	70-130	02/28/23	02/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2309002
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/23	02/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/23	02/28/23	
<i>Surrogate: n-Nonane</i>		98.3 %	50-200	02/27/23	02/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA		Batch: 2309019
Chloride	35.4	20.0	1	02/28/23	02/28/23	



Sample Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported: 3/1/2023 10:55:22AM
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	

SW - 45

E302115-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2309014	
Benzene	ND	0.0250	1	02/28/23	02/28/23	
Ethylbenzene	ND	0.0250	1	02/28/23	02/28/23	
Toluene	ND	0.0250	1	02/28/23	02/28/23	
o-Xylene	ND	0.0250	1	02/28/23	02/28/23	
p,m-Xylene	ND	0.0500	1	02/28/23	02/28/23	
Total Xylenes	ND	0.0250	1	02/28/23	02/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	02/28/23	02/28/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2309014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/28/23	02/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	02/28/23	02/28/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2309002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/23	02/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/23	02/28/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	02/27/23	02/28/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2309019	
Chloride	25.4	20.0	1	02/28/23	02/28/23	



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	3/1/2023 10:55:22AM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2309014-BLK1)

Prepared: 02/28/23 Analyzed: 02/28/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			

LCS (2309014-BS1)

Prepared: 02/28/23 Analyzed: 02/28/23

Benzene	4.76	0.0250	5.00		95.3	70-130			
Ethylbenzene	4.75	0.0250	5.00		95.0	70-130			
Toluene	4.88	0.0250	5.00		97.5	70-130			
o-Xylene	4.88	0.0250	5.00		97.7	70-130			
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

Matrix Spike (2309014-MS1)

Source: E302113-01

Prepared: 02/28/23 Analyzed: 02/28/23

Benzene	4.83	0.0250	5.00	ND	96.7	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.3	61-133			
Toluene	4.95	0.0250	5.00	ND	99.0	61-130			
o-Xylene	4.95	0.0250	5.00	ND	99.0	63-131			
p,m-Xylene	9.75	0.0500	10.0	ND	97.5	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.25		8.00		103	70-130			

Matrix Spike Dup (2309014-MSD1)

Source: E302113-01

Prepared: 02/28/23 Analyzed: 02/28/23

Benzene	4.74	0.0250	5.00	ND	94.8	54-133	1.92	20	
Ethylbenzene	4.73	0.0250	5.00	ND	94.5	61-133	1.84	20	
Toluene	4.85	0.0250	5.00	ND	97.1	61-130	1.90	20	
o-Xylene	4.86	0.0250	5.00	ND	97.2	63-131	1.81	20	
p,m-Xylene	9.58	0.0500	10.0	ND	95.8	63-131	1.70	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131	1.74	20	
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	3/1/2023 10:55:22AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2309014-BLK1)

Prepared: 02/28/23 Analyzed: 02/28/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.1	70-130			

LCS (2309014-BS2)

Prepared: 02/28/23 Analyzed: 02/28/23

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

Matrix Spike (2309014-MS2)

Source: E302113-01

Prepared: 02/28/23 Analyzed: 02/28/23

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			

Matrix Spike Dup (2309014-MSD2)

Source: E302113-01

Prepared: 02/28/23 Analyzed: 02/28/23

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130	0.404	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	3/1/2023 10:55:22AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2309002-BLK1)					Prepared: 02/27/23 Analyzed: 02/27/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.6		50.0		103	50-200			

LCS (2309002-BS1)					Prepared: 02/27/23 Analyzed: 02/27/23				
Diesel Range Organics (C10-C28)	247	25.0	250		98.6	38-132			
Surrogate: n-Nonane	51.8		50.0		104	50-200			

Matrix Spike (2309002-MS1)					Source: E302111-29		Prepared: 02/27/23 Analyzed: 02/27/23		
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	38-132			
Surrogate: n-Nonane	50.9		50.0		102	50-200			

Matrix Spike Dup (2309002-MSD1)					Source: E302111-29		Prepared: 02/27/23 Analyzed: 02/27/23		
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.6	38-132	4.15	20	
Surrogate: n-Nonane	50.0		50.0		100	50-200			



QC Summary Data

GHD	Project Name:	12585792 /Saguaro Water Transfer	Reported:
6121 Indian School Rd. NE #200	Project Number:	19034-0001	
Albuquerque NM, 87110	Project Manager:	Nate Reece	3/1/2023 10:55:22AM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2309019-BLK1)					Prepared: 02/28/23 Analyzed: 02/28/23				
Chloride	ND	20.0							
LCS (2309019-BS1)					Prepared: 02/28/23 Analyzed: 02/28/23				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2309019-MS1)					Source: E302115-01		Prepared: 02/28/23 Analyzed: 02/28/23		
Chloride	278	20.0	250	26.0	101	80-120			
Matrix Spike Dup (2309019-MSD1)					Source: E302115-01		Prepared: 02/28/23 Analyzed: 02/28/23		
Chloride	278	20.0	250	26.0	101	80-120	0.0884	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:	12585792 /Saguaro Water Transfer	
6121 Indian School Rd. NE #200	Project Number:	19034-0001	Reported:
Albuquerque NM, 87110	Project Manager:	Nate Reece	03/01/23 10:55

- 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

Printed: 2/28/2023 9:07:24AM

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:	02/28/23 07:13	Work Order ID:	E302115
Phone:	(505) 884-0672	Date Logged In:	02/27/23 15:03	Logged In By:	Caitlin Christian
Email:	nate.reece@ghd.com	Due Date:	02/28/23 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Attachment B Photographic Log



View of excavation facing northwest.



View of excavation facing east.

Site Photograph

EOG Saguaro Water Transfer Release Site.





View of excavation facing southeast.



View of excavation facing east.

Site Photograph

EOG Saguaro Water Transfer Release Site.





View of excavation facing northwest.



View of excavation facing east.

Site Photograph

EOG Saguaro Water Transfer Release Site.





View of excavation facing northwest.



Site Photograph

EOG Saguaro Water Transfer Release Site.

GHD | Report for EOG | 12585792

Attachment C

Sampling Notifications

Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Thursday, September 29, 2022 8:38 AM
To: Nate Reece; Alice Harpole; J.T. Murrey
Subject: FW: Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, September 28, 2022 4:07 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Good Afternoon,

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

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, October 3, 2022 and continue through Friday, October 7, 2022.

Thank you,

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



Artesia Division

Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Wednesday, October 5, 2022 4:49 PM
To: J.T. Murrey; Nate Reece; Alice Harpole
Subject: FW: Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 5, 2022 1:46 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Good Afternoon,

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

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, October 10, 2022 and continue through Friday, October 14, 2022.

Thank you,

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



From: [Amber Griffin](#)
To: [Nate Reece](#); [J.T. Murrey](#); [Alice Harpole](#)
Subject: FW: Saguaro Water Transfer (nAPP2215335874) Sampling Notification
Date: Tuesday, October 25, 2022 10:27:47 AM
Attachments: [image001.png](#)

I don't know that this sampling notification was forwarded to GHD.

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 12, 2022 4:01 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Good Afternoon,

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

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, October 17, 2022 and continue through Friday, October 21, 2022.

Thank you,

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



Artesia Division

From: [Amber Griffin](#)
To: [Alice Harpole](#); [Nate Reece](#); [J.T. Murrey](#)
Subject: FW: Saguaro Water Transfer (nAPP2215335874) Sampling Notification
Date: Wednesday, October 19, 2022 4:02:54 PM
Attachments: [image001.png](#)

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 19, 2022 2:54 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Good Afternoon,

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

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, October 24, 2022 and continue through Friday, October 28, 2022.

Thank you,

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



Artesia Division

Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Wednesday, October 26, 2022 12:22 PM
To: Alice Harpole; Nate Reece; J.T. Murrey
Subject: FW: Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, October 26, 2022 11:15 AM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Good Morning,

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

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, October 31, 2022 and continue through Friday, November 4, 2022.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Thursday, November 3, 2022 12:19 PM
To: Nate Reece; J.T. Murrey
Subject: FW: Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Miriam Morales <Miriam_Morales@eogresources.com>
Sent: Wednesday, November 2, 2022 4:33 PM
To: ocd.enviro@emnrd.nm.gov
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Subject: Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Good afternoon,

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

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, November 7, 2022 and will continue through Friday, November 11, 2022.

Thank you,

Miriam Morales

Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Friday, November 11, 2022 10:08 AM
To: Nate Reece; J.T. Murrey
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, November 9, 2022 2:04 PM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Wednesday, November 9, 2022 1:51 PM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) 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.

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.

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@state.nm.us
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, November 9, 2022 1:30 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>

Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) 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.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, November 14, 2022 and will continue through Friday, November 18, 2022.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Monday, November 21, 2022 8:42 AM
To: Nate Reece; J.T. Murrey; Alice Harpole
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, November 17, 2022 7:01 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Wednesday, November 16, 2022 4:17 PM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, November 16, 2022 3:53 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>

Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) 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.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, November 21, 2022 and will continue through Wednesday, November 23, 2022.

Thank you,

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



Artesia Division

Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Monday, November 28, 2022 2:12 PM
To: Nate Reece; J.T. Murrey
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Tuesday, November 22, 2022 8:39 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Monday, November 21, 2022 4:15 PM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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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.

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Monday, November 21, 2022 3:55 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>

Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) 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.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, November 28, 2022 and will continue through Friday, December 2, 2022.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Friday, December 2, 2022 2:17 PM
To: Nate Reece; J.T. Murrey
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, December 1, 2022 9:13 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, December 1, 2022 9:02 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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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.

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, December 1, 2022 6:47 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>

Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, December 5, 2022 and will continue through Friday, December 9, 2022.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Tuesday, December 13, 2022 12:28 PM
To: Nate Reece
Subject: FW: [EXTERNAL] Robinson B Federal 1 (nAPP2202759509) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, December 8, 2022 10:49 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Robinson B Federal 1 (nAPP2202759509) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, December 8, 2022 8:31 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Robinson B Federal 1 (nAPP2202759509) 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.

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.

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
<http://www.emnrd.nm.gov>



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, December 8, 2022 8:00 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; blm_nm_cfo_spill@blm.gov

Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>

Subject: [EXTERNAL] Robinson B Federal 1 (nAPP2202759509) Sampling Notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Robinson B Federal #1
F-34-17S-29E
Eddy County, NM
nAPP2202759509

Sampling will begin at 8:00 a.m. on Monday, December 12, 2022 and will continue through Friday, December 16, 2022.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Friday, December 16, 2022 10:49 AM
To: Nate Reece; J.T. Murrey
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, December 15, 2022 10:17 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, December 15, 2022 8:27 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) 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.

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, December 15, 2022 7:45 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 8:00 a.m. on Monday, December 19, 2022 and will continue through Friday, December 23, 2022.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Tuesday, December 27, 2022 10:30 AM
To: Nate Reece; J.T. Murrey
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, December 22, 2022 8:46 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, December 22, 2022 8:40 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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Good morning 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.

Have a happy holiday,
Jocelyn Harimon

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina.Huerta@eogresources.com>
Sent: Thursday, December 22, 2022 5:19 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, December 26, 2022 and will continue through Friday, December 30, 2022.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Friday, December 30, 2022 8:18 AM
To: Nate Reece; J.T. Murrey
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, December 29, 2022 9:01 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, December 29, 2022 9:00 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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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.

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, December 29, 2022 5:01 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>

Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, January 2, 2023 and will continue through Friday, January 6, 2023.

Thank you,

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



Artesia Division

Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Thursday, January 5, 2023 1:49 PM
To: Nate Reece; J.T. Murrey
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, January 5, 2023 11:23 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, January 5, 2023 11:21 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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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.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina.Huerta@eogresources.com>
Sent: Thursday, January 5, 2023 8:54 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, January 9, 2023 and will continue through Friday, January 13, 2023.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Thursday, January 12, 2023 11:51 AM
To: Nate Reece; J.T. Murrey
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, January 12, 2023 8:41 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, January 12, 2023 8:31 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) 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.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, January 12, 2023 5:11 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, January 16, 2023 and will continue through Friday, January 20, 2023.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Thursday, January 19, 2023 9:27 AM
To: Nate Reece; J.T. Murrey
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, January 19, 2023 8:19 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, January 19, 2023 8:14 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina.Huerta@eogresources.com>
Sent: Thursday, January 19, 2023 5:38 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, January 23, 2023 and will continue through Friday, January 27, 2023.

Thank you,

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



Artesia Division

Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Thursday, February 2, 2023 11:23 AM
To: Nate Reece; J.T. Murrey
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, February 2, 2023 8:58 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, February 2, 2023 8:56 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, February 2, 2023 5:58 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, February 6, 2023 and will continue through Friday, February 10, 2023.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Thursday, February 9, 2023 3:13 PM
To: Nate Reece
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, February 9, 2023 11:31 AM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, February 9, 2023 8:32 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina.Huerta@eogresources.com>
Sent: Thursday, February 9, 2023 5:49 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, February 13, 2023 and will continue through Friday, February 17, 2023.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Tuesday, February 21, 2023 10:48 AM
To: Nate Reece
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, February 16, 2023 3:14 PM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, February 16, 2023 10:35 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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Tina,

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JH

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1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina.Huerta@eogresources.com>
Sent: Thursday, February 16, 2023 6:51 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, February 20, 2023, and will continue through Friday, February 24, 2023.

Thank you,

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



Nate Reece

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Friday, February 24, 2023 2:37 PM
To: Nate Reece
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, February 23, 2023 12:57 PM
To: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>
Cc: Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: FW: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

FYI

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, February 23, 2023 8:20 AM
To: Tina Huerta <Tina_Huerta@eogresources.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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Tina,

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JH

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EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Tina Huerta <Tina.Huerta@eogresources.com>
Sent: Thursday, February 23, 2023 5:22 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: [EXTERNAL] Saguaro Water Transfer (nAPP2215335874) Sampling Notification

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Good morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Saguaro Water Transfer
F-15-20S-24E
Eddy County, NM
nAPP2215335874

Sampling will begin at 7:00 a.m. on Monday, February 27, 2023, and will continue through Friday, March 3, 2023.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina.huerta@eogresources.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
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 118125

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 118125
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2215335874 SAGUARO WATER TRANSFER, thank you. This closure is approved.	4/17/2023