

575-964-7740

April 15th, 2021

NMOCD District 2 Mr. Mike Bratcher 811 S. First Street Artesia, NM 88210

Bureau of Land Management Mr. Jim Amos 620 East Green Street Carlsbad, NM 88220

Re: Site Remediation and Closure Report Aquila 22 Federal Com #001H API No. 30-015-40627 GPS: Latitude 32.650686 Longitude -103.849117 UL "A", Sec. 22, T19S, R31E Eddy County, NM NMOCD Ref. No. NAB1805055785 (2RP-4626)

Dear Mr. Bratcher and Mr. Amos,

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company (Devon) to perform a spill assessment and remediation activities for an oil release that occurred at the Aquila 22 Fed Com #1H (Aquila). The initial C-141 was submitted on January 30th, 2018 (Appendix C). This incident was assigned Incident ID NAB1805055785 (2RP-4626), by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Aquila is located approximately fourteen (14) miles southeast of Loco Hills, NM. This spill site is in Unit A, Section 22, Township 19S, Range 31E, Latitude 32.650686, Longitude -103.849117, Eddy County, NM. Figure 1 references a Location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation-Eolian and piedmont deposits (Holocene to middle Pleistocene), interlayed eolian sands and piedmont-slope deposits (QEP). The soil in this area is made up of Kermit-Berina fine sands, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present in the area of the Aquila (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 130 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the depth to groundwater is greater than 100 feet below grade surface (BGS). See Appendix A for referenced water surveys.

| Table 1 NMAC and Closure Criteria 19.15.29 | | | | | | | |
|---|--|---------------------------|-----------------------|----------|----------|--|--|
| Depth to Groundwater | oth to Groundwater Constituent & Limits | | | | | | |
| (Appendix A) | Chlorides | Total TPH | GRO+DRO | BTEX | Benzene | | |
| 100' | 20,000 mg/kg | 2,500 mg/kg | 1,000 mg/kg | 50 mg/kg | 10 mg/kg | | |
| | If the release occurred within any of the following areas, the responsible party would treat the release as if the groundwater was less than 50 feet per Rule 19.15.29 | | | | | | |
| | Water Iss | sues | | Yes | No | | |
| Within <u>300</u> feet of any co | ntinuously flowing water | course or any other sigr | ificant watercourse | | x | | |
| Within <u>200</u> feet of any lal mark | e ordinary high-water | | x | | | | |
| Within <u>300</u> feet from an o | occupied permanent resid | ence, school, hospital, i | nstitution, or church | | x | | |
| Within <u>500</u> feet of a sprir households for domestic | less than five | | x | | | | |
| Within 1000 feet of any f | reshwater well or spring | | | | х | | |
| Within incorporated mur | reshwater well field | | x | | | | |
| Within 300 feet of a wet | ands | | | | х | | |
| Within the area overlying | a subsurface mine | | | | х | | |
| Within an unstable area (| Karst) | | | | х | | |
| Within a 100-year floodp | lain | | | | х | | |

Reference Figure 2 for a TOPO Map.

Release Information

NAB1805055785 (2RP-4626): On January 28th, 2018, the lease operator arrived on site to find a water knockout releasing fluid. A malfunctioning valve was found which caused the vessel to overpressure and release fluid from multiple points. The valve was closed immediately. The released fluids were calculated to be approximately 5.8 barrels (bbls) of oil. A vacuum truck was able to recover approximately 1.2 bbls of standing fluid from the area.

Site Assessment and Soil Sampling Results

On June 26th, 2020, Pima Environmental mobilized to the site to conduct a site assessment and obtain soil samples with a hand auger. The laboratory results of this sampling event can be found in the following data table.

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| Sample Date 6-26-20 NM Approved Laboratory Results | | | | | | | | |
|--|----------------|---------------|------------------|--------------|--------------|--------------|--------------------|-------------|
| Sample Date 6-26-20 | | | | | | | | |
| Sample ID | Depth (BGS) | BTEX mg/kg | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
| S-1 S. Composite | 0 | ND | ND | ND | ND | ND | ND | 160 |
| S-2 W. Composite | 0 | ND | ND | ND | ND | ND | ND | 580 |
| S-3 N. Composite | 0 | ND | ND | ND | 290 | 470 | 760 | 1100 |
| S-4 E. Composite | 0 | ND | ND | ND | 5700 | 4000 | 9700 | 310 |
| | 0-6" | ND | ND | ND | ND | ND | ND | 500 |
| | 1' | ND | ND | ND | ND | ND | ND | ND |
| S-5 | 2' | ND | ND | ND | ND | ND | ND | ND |
| | 3' | ND | ND | ND | ND | ND | ND | ND |
| | 0-6" | ND | ND | ND | ND | ND | ND | ND |
| 1.00 | 1' | ND | ND | ND | ND | ND | ND | ND |
| S-6 | 2' | ND | ND | ND | ND | ND | ND | ND |
| | 3' | ND | ND | ND | ND | ND | ND | ND |
| | 0-6" | ND | ND | ND | ND | ND | ND | ND |
| S-7 | 1' | ND | ND | ND | 12 | ND | 12 | ND |
| | 2' | ND | ND | ND | ND | ND | ND | ND |
| | 3' | ND | ND | ND | ND | ND | ND | ND |
| | 0-6" | ND | ND | ND | ND | ND | ND | ND |
| | 1' | ND | ND | ND | ND | ND | ND | ND |
| S-8 | 2' | ND | ND | ND | ND | ND | ND | ND |
| | 3' | ND | ND | ND | ND | ND | ND | ND |
| | 0-6" | ND | ND | ND | ND | ND | ND | ND |
| 25.0 | 1' | ND | ND | ND | ND | ND | ND | ND |
| S-9 | 2' | ND | ND | ND | ND | ND | ND | ND |
| | 3' | ND | ND | ND | ND | ND | ND | ND |
| | 0-6" | ND | ND | ND | ND | ND | ND | ND |
| | 1' | ND | ND | ND | ND | ND | ND | ND |
| S-10 | 2' | ND | ND | ND | ND | ND | ND | ND |
| | 3' | ND | ND | ND | ND | ND | ND | ND |
| B-1 | 0-2' | ND | ND | ND | ND | ND | ND | 660 |
| | 0-1' | ND | ND | ND | ND | ND | ND | 2200 |
| B-2 | 2-4' | ND | ND | ND | ND | ND | ND | 6600 |
| BG-1 | 0 | ND | ND | ND | ND | ND | ND | ND |
| BG-2 | 0 | ND | ND | ND | ND | ND | ND | ND |
| BG-3 | 0 | ND | ND | ND | ND | ND | ND | ND |

6-26-20 Soil Sample Results

ND- Analyte Not Detected

Remediation Activities

On January 18th, 2021, Pima mobilized personnel and equipment to this site and began remediation activities. The area in the vicinity of S-4 E. Composite, was tilled and treated with a bioremediation chemical solution. Photographic documentation of the site and remediation activities can be found in Appendix D.

On March 24th, 2021, Pima returned to the site to collect confirmation samples of the area that had been treated. The results of this sampling event can be found in the following table. The confirmation site map can be found in Figure 5.

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100') | | | | | | | | |
|--|--------------------------|---------------|-------------------|--------------|--------------|--------------|--------------------|-------------|
| DEVON ENERGY - AQUILLA 22 FED COM 1H | | | | | | | | |
| 3/24/2021 NM Approved Laboratory Results | | | | | | | | |
| Sample ID | Depth (BGS) | BTEX mg/kg | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
| S-1 | 0-6" | | ND | ND | ND | 60 | ND | 110 |
| S-2 | 0-6" | | ND ND ND ND ND ND | | | | | |
| | ND- Analyte Not Detected | | | | | | | |

Complete Laboratory Reports can be found in Appendix E.

Closure Request

After careful review, Pima requests that this incident, NAB1805055785 (2RP-4626), be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Tom Bynum at 575-964-7740 or tom@pimaoil.com.

Respectfully,

Tom Bynum

Tom Bynum Environmental Project Manager Pima Environmental Services, LLC

Attachments

Figures:

- 1- Location Map
- 2- Торо Мар
- 3- Karst Map
- 4- Site Map
- 5- Confirmation Site Map

Appendices:

- Appendix A Referenced Water Surveys
- Appendix B Soil Survey and Geological Data

Appendix C – C-141's

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports

.



Figures:

1-Location Map

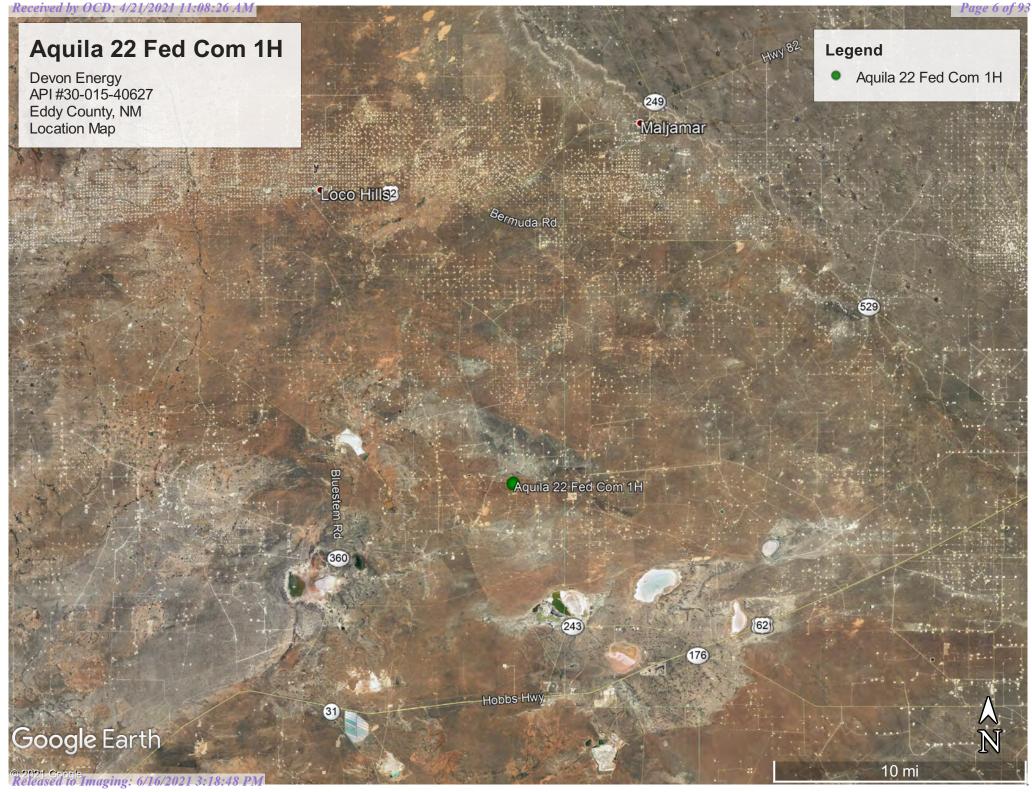
2-Торо Мар

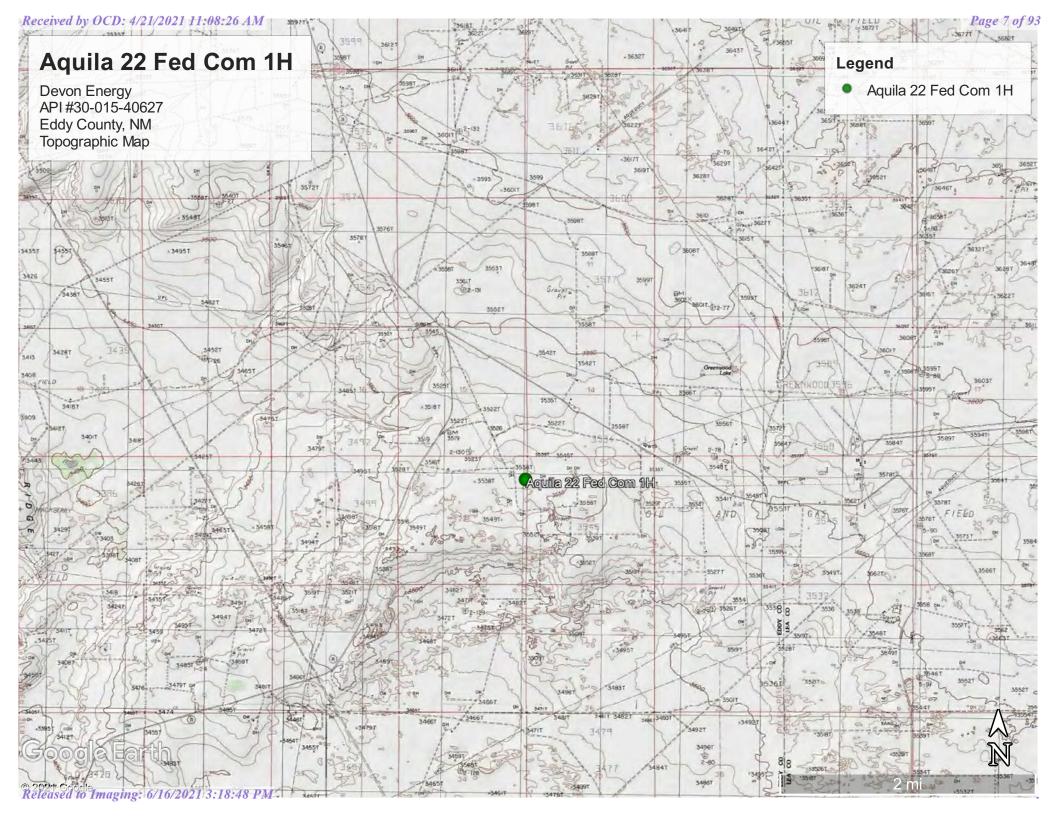
3-Karst Map

4-Site Map

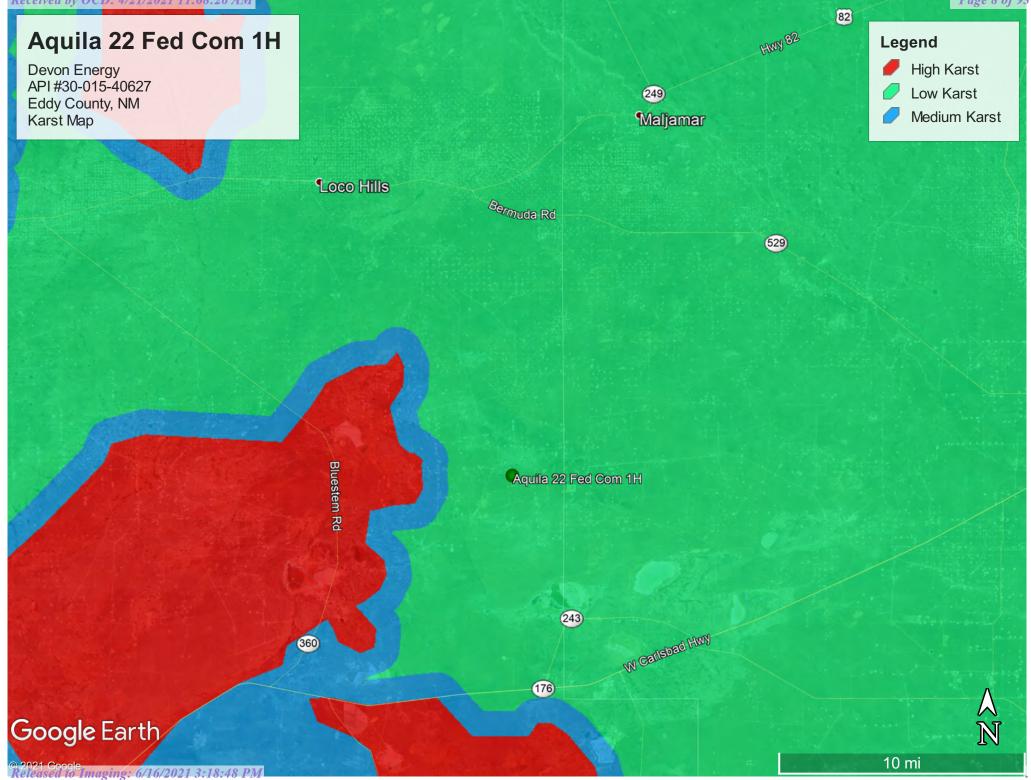
5-Confirmation Site Map

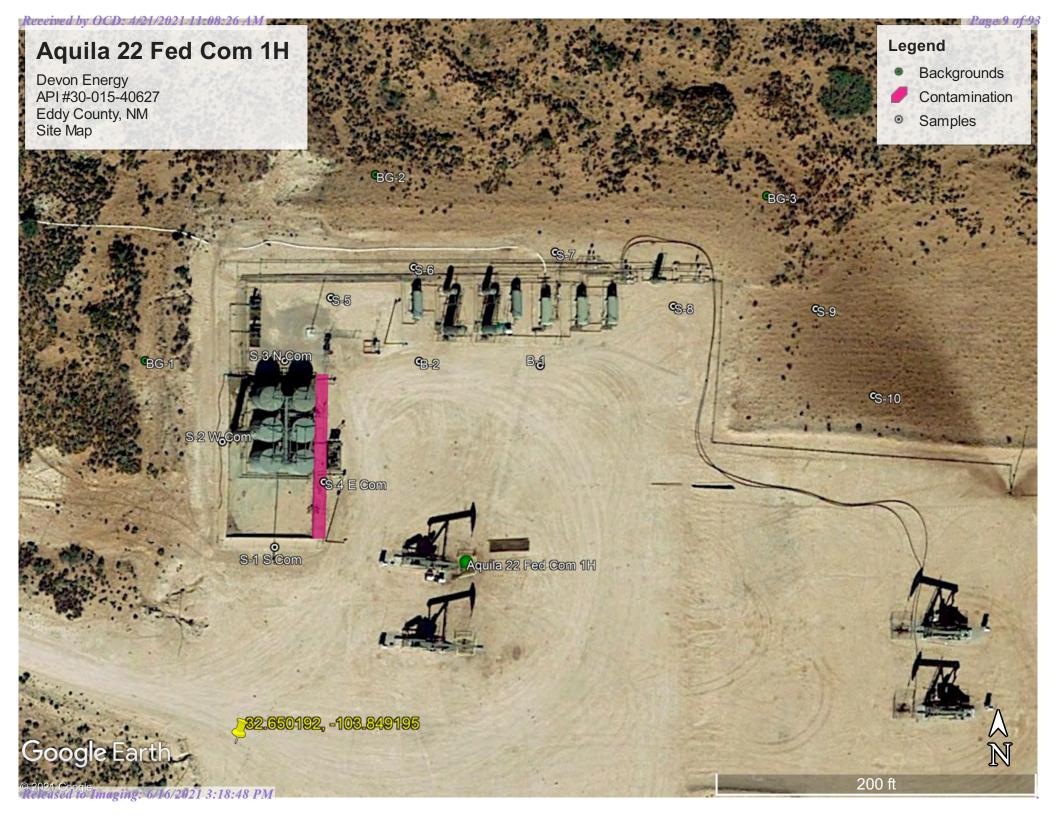
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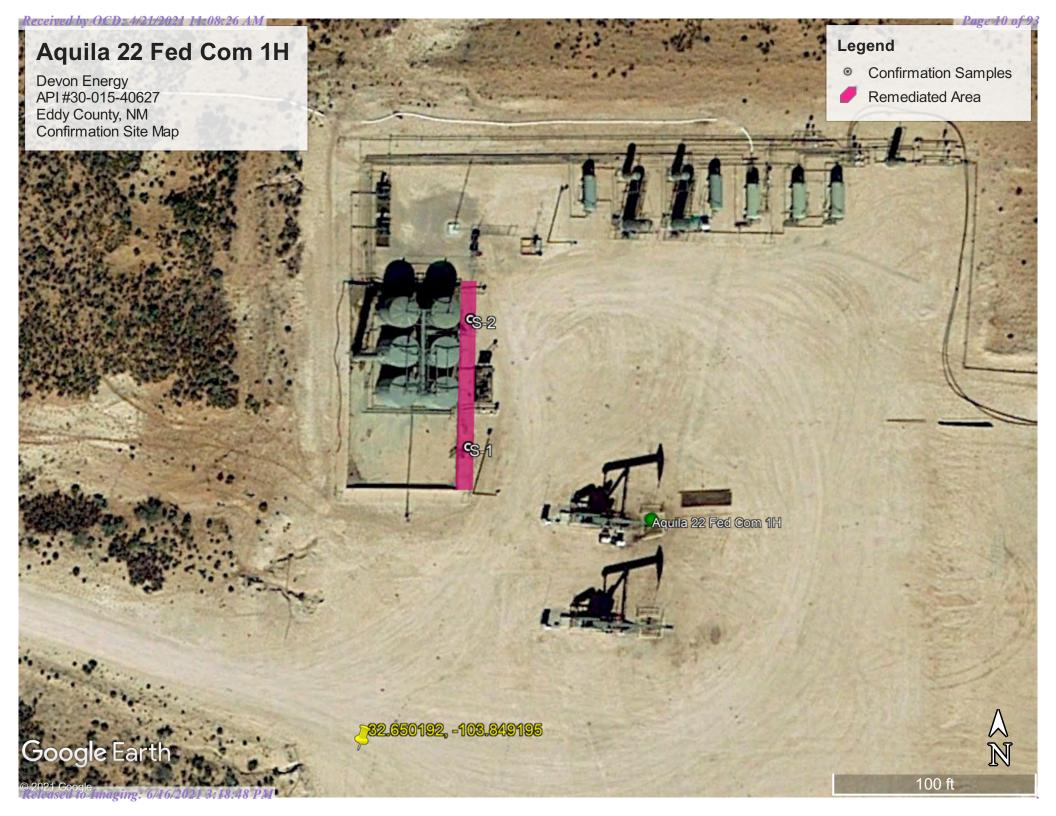




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Appendix A

Water Surveys: OSE USGS Surface Water Map



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the (R=POD has POD suffix indicates the been replaced, POD has been replaced O=orphaned, & no longer serves a (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is water right file.) (quarters are smallest to largest) (NAD83 UTM in meters) (In feet) closed) POD Sub-QQQ Water **POD Number** basin County 64 16 4 Sec Tws Rng Y DistanceDepthWellDepthWater Column Code Х CP 01554 POD2 CP LE 2 2 1 22 19S 31E 607165 3613322 829 400 CP 01554 POD1 CP LE 2 2 1 22 19S 31E 607166 3613354 🧲 837 400 CP 00829 POD1 CP LE 2 4 16 19S 31E 606165 3614009* 🦲 2010 120 CP 00642 POD1 CP ED 2 2 25 19S 31E 611025 3611657* 3388 250 CP 01864 POD1 CP ED 4 2 1 34 19S 31E 607068 3609824 🧲 3425 110 CP 00722 POD1 CP 4 3 3 28 19S 31E 605106 3610273* 🧉 200 LE 4045 CP 00722 POD1 R CP 4 3 3 28 19S 31E 3610273* 4045 200 LE 605106 CP 00725 POD1 CP ED 1 3 3 28 19S 31E 604906 3610473* 4055 231 CP CP 00563 POD1 1 1 2 19 19S 32E 3613376* 🦲 300 LE 612118 4153 <u>CP 00641 POD1</u> CP ED 4 1 36 19S 31E 610247 3609634* 4169 300 130 170 CP 00723 POD1 CP ED 2 1 1 33 19S 31E 605111 3610071* 4186 139 CP 00722 POD3 CP LE 2 4 1 33 19S 31E 605519 3609673* 4237 220 140 80 CP 00640 POD1 CP LE 2 2 19 198 32E 3613280* 🧲 612621 4651 260 102 158 Average Depth to Water: 124 feet Minimum Depth: 102 feet 140 feet Maximum Depth: Record Count: 13 UTMNAD83 Radius Search (in meters): Easting (X): 607972.212 Northing (Y): 3613127.738 Radius: 5000 *UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/7/21 2:51 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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National Water Information System: Web Interface

| USGS Water Resources | Data Category: | Geographic Area: | | _ | |
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| obdo water Resources | Groundwater 🗸 🗸 | United States | ~ | G | iO |

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site_no list =

• 323810103511401

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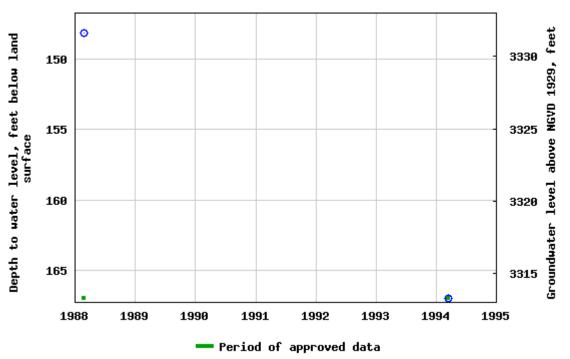
Save file of selected sites to local disk for future upload

USGS 323810103511401 19S.31E.27.214121

Available data for this site Groundwater: Field measurements 🗸

Eddy County, New Mexico Hydrologic Unit Code 13060011 Latitude 32°38'10", Longitude 103°51'14" NAD27 Land-surface elevation 3,480 feet above NGVD29 The depth of the well is 210.00 feet below land surface. This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

| Table of data | |
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| Tab-separated data | |
| Graph of data | |
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USGS 323810103511401 195.31E.27.214121

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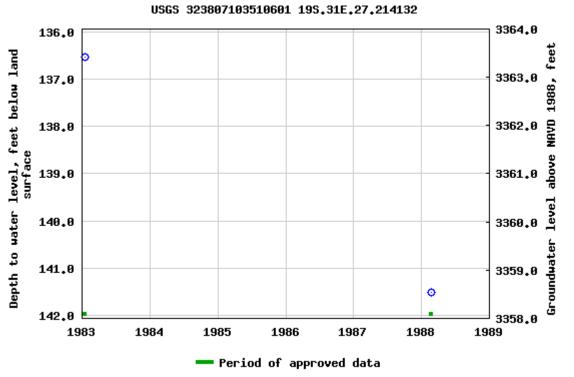
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USGS 323807103510601 19S.31E.27.214132

Available data for this site Groundwater: Field measurements

Eddy County, New Mexico Hydrologic Unit Code 13060011 Latitude 32°38'07", Longitude 103°51'06" NAD27 Land-surface elevation 3,500 feet above NAVD88 The depth of the well is 177 feet below land surface. This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Rustler Formation (312RSLR) local aquifer.



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Search Results -- 1 sites found

site_no list =

• 323803103510001

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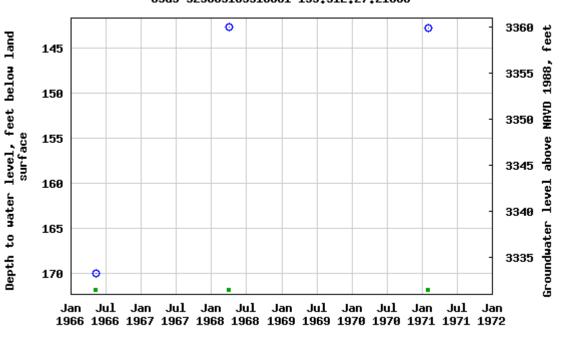
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USGS 323803103510001 19S.31E.27.21000

Available data for this site Groundwater: Field measurements

Eddy County, New Mexico Hydrologic Unit Code 13060011 Latitude 32°38'03", Longitude 103°51'00" NAD27 Land-surface elevation 3,503 feet above NAVD88 This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Rustler Formation (312RSLR) local aquifer. **Output formats**

Table of data Tab-separated data Graph of data Reselect period



Period of approved data

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Aquila 22 Fed Com 1H

Devon Energy API #30-015-40627 Eddy County, NM Surface Water Map Legend 4.6 Miles Playa

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176

5 mi

Aquila 22 Fed Com 1H

Playa



Appendix B

Soil Survey & Geological Data FEMA Flood Map

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q Elevation: 3,100 to 4,200 feet Mean annual precipitation: 10 to 14 inches Mean annual air temperature: 60 to 64 degrees F Frost-free period: 190 to 230 days Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent Berino and similar soils: 35 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Plains, alluvial fans Landform position (three-dimensional): Talf, rise Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand *H2 - 7 to 60 inches:* fine sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7e Hydrologic Soil Group: A Ecological site: Deep Sand (R042XC005NM) Hydric soil rating: No

Description of Berino

Setting

Landform: Fan piedmonts, plains Landform position (three-dimensional): Riser Down-slope shape: Convex Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand H2 - 17 to 50 inches: fine sandy loam H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 40 percent
Salinity, maximum in profile: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e Land capability classification (nonirrigated): 7e Hydrologic Soil Group: B Ecological site: Loamy Sand (R042XC003NM) Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent *Hydric soil rating:* No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 15, Sep 15, 2019



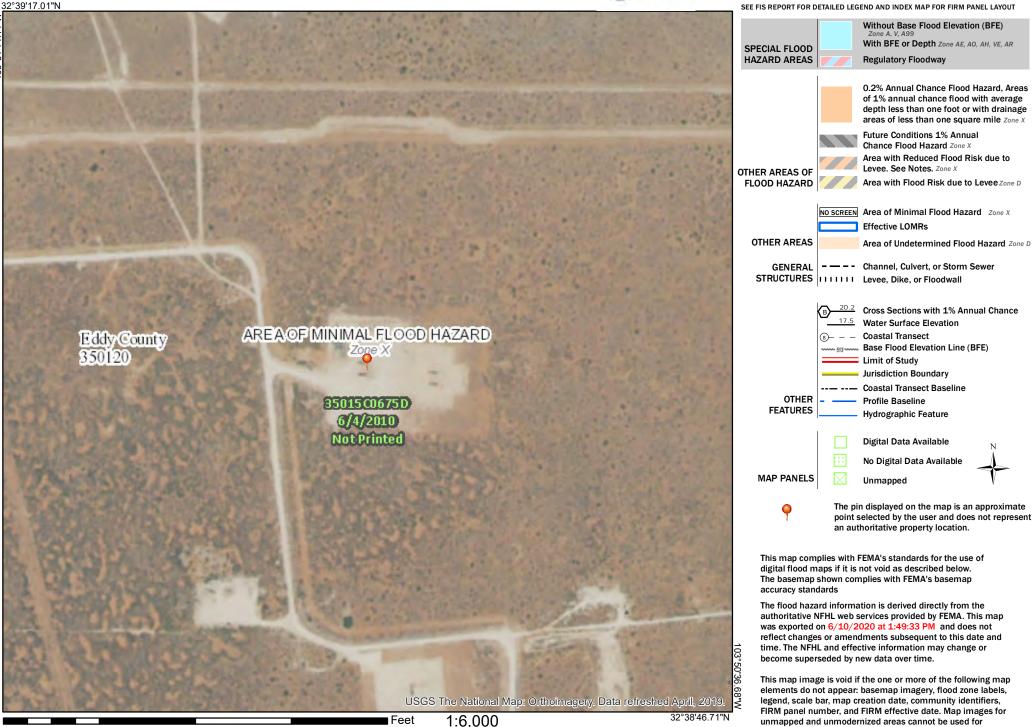
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Legend

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

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regulatory purposes.



Appendix C

C-141's: Initial

Final

| INTRO II | District I State o 1625 N. French Dr., Hobbs, NM 88240 Enormy Minoral | | | | | rico | ARTESIA DISTRI | Form C-141 | | |
|--|--|---|--|--|--|---|---|--|--|--|
| District II 811 S. First St., Artesia, NM 88210 District III | | | | | FEB 09 201 | Revised April 3, 2017 | | | | |
| 000 Rio Brazos | s Road, Azteo | c, NM 87410 | | | servation Di | y to appropriate District Office ir cordance with 19.15.29 NMAC | | | | |
| <u>District IV</u> 220 S. St. Fran | icis Dr., Santa | a Fe, NM 87505 | | | uth St. Fran Fe, NM 87 | | RECEIVED | | | |
| | | | Rel | ease Notificati | | | ction | | | |
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| | | | | ion Company | | | 26 | | | |
| | | Rivers Hwy 2 22 Federal C | | NM 88210 | Facility Ty | No. 575-390-54 pe Oil | | | | |
| Surface Ow | _ | | | Mineral Owne | | | API N | 0. 30-015-40627 | | |
| | | | | | ON OF RE | LEASE | | | | |
| Unit Letter | Section | Township | Range | ····· | orth/South Line | Feet from the | East/West Line | County | | |
| A | 22 | 195 | 31E | | | | | Eddy | | |
| 1 | Latitude 3 | 32.650686.3 | 2.65096 | 3 & 32.650631 | Longitude | 103.849117.10 | 3.848818 & 103 | .847616_ NAD83 | | |
| - | | <u>, , , , , , , , , , , , , , , , , , , </u> | 2.02020 | | E OF REL | | 2.010010 02 102 | | | |
| Type of Rele | ase Oil | | | NATUR | | f Release 5.8 BBL | S Volume | Recovered 1.2 BBLS | | |
| Source of Re | lease Free V | Water Knocko | ut, Flare | & Production Tank | | Hour of Occurrence | 1 | Hour of Discovery 28, 2018 12:30 PM MST | | |
| Was Immedia | ate Notice (| Given? | | | If YES, T | 8, 2018 12:30 PM o Whom? | MST January | 28, 2018 12.50 FW WS I | | |
| | | \boxtimes | Yes [|] No 📋 Not Requir | | elly Tucker Reacher, Cryste | Weaver | | | |
| By Whom? N | Mike Shoem | naker | | | | OCD-Mike Bratcher, Crystal Weaver Date and Hour January 29, 2018 11:11 AM MST | | | | |
| Was a Water | | ched? | Yes D | 3 No | 1 | If YES, Volume Impacting the Watercourse. | | | | |
| If a Watercou | Irea was Im | pacted, Descri | | | | | | tara ta Mara Matana | | |
| N/A | | pacted, Deseri | loc Pully. | | | | | | | |
| | | | | | | | | | | |
| When the le malfunction | ease operation of the second sec | which had ca | n site the aused the | battery was releasin vessel to build pres | g fluid from the sure and reliev | e water knockou e causing the re | ut. The lease ope lease at multiple | rator identified a points. The valve was closed | | |
| When the le malfunction and a vac tr | ease operation operat New York operation operat New York operation operat | tor arrived or which had ca ispatched to | n site the aused the gather ar | battery was releasin e vessel to build pres by standing fluids. | g fluid from th sure and reliev | e water knockor e causing the re | ut. The lease ope lease at multiple | erator identified a points. The valve was closed | | |
| When the le malfunction and a vac tr Describe Are Approximal recovered fi punctures a | ease operating valve uck was di ea Affected tely 5.8 bb rom the lin nd none w | tor arrived or which had ca ispatched to and Cleanup A and Cleanup A als was releas ned containm ere found. B | Action Ta ed (1.2 b assed on t | battery was releasing e vessel to build pres by standing fluids. ken.* bbls in containment, ce fluids were removed | 4.5 bbls on pa the liner it wa is no evidence | d, and 0.1 bbls n s visually inspec | lease at multiple nisted off site). ted by Devon fi nids left containr | Prator identified a points. The valve was closed Approximately 1.2 bbls were eld staff for any pinholes or ment. For the remaining | | |
| When the le malfunction and a vac tr Describe Are Approximal recovered fi punctures as impacted ar 1 hereby certi regulations a public health should their o or the enviro | ease operating valve uck was di- ea Affected tely 5.8 bb rom the lim nd none w reas a remen- ify that the l operators or the envi operations h mment. In a | tor arrived or which had ca ispatched to and Cleanup A is was releas red containm ere found. B diation contract information gi are required t ronment. The pave failed to a addition, NMC | a site the aused the gather ar Action Ta ed (1.2 t ent. Onc ased on t ctor will t vven abov o report a acceptan adequatel OCD acce | battery was releasing e vessel to build press by standing fluids. ken.* bbls in containment, this inspection there be contacted to assist w e is true and complete nd/or file certain releasing ce of a C-141 report by y investigate and reme | 4.5 bbls on pa the liner it wa is no evidence ith delineation to the best of m se notifications y the NMOCD n diate contamina | d, and 0.1 bbls n s visually inspect that the spill flu and remediation efform corre- narked as "Final F tion that pose a the | lease at multiple nisted off site). eted by Devon fi- tids left containr fforts. understand that pu- ctive actions for ra Report" does not re reat to ground wat | Approximately 1.2 bbls were eld staff for any pinholes or | | |
| When the le malfunction and a vac tr Describe Are Approximal recovered fi punctures as impacted ar 1 hereby certi regulations a public health should their o or the enviro | ease operating valve uck was di- ea Affected tely 5.8 bb rom the lim nd none w reas a remen- ify that the l operators or the envi operations h mment. In a | tor arrived or which had ca ispatched to and Cleanup A is was releas ned containm ere found. B diation contra- information gi are required to ronment. The nave failed to a | a site the aused the gather ar Action Ta ed (1.2 t ent. Onc ased on t ctor will t vven abov o report a acceptan adequatel OCD acce | battery was releasing e vessel to build press by standing fluids. ken.* bbls in containment, this inspection there be contacted to assist w e is true and complete nd/or file certain releasing ce of a C-141 report by y investigate and reme | 4.5 bbls on pa the liner it wa is no evidence ith delineation to the best of m se notifications y the NMOCD n diate contamina | d, and 0.1 bbls n s visually inspect that the spill flu and remediation efform y knowledge and to and perform correct narked as "Final F tion that pose a the ve the operator of | lease at multiple nisted off site). eted by Devon fi- tids left containr fforts. understand that pu- ctive actions for ra Report" does not re reat to ground wat | Approximately 1.2 bbls were eld staff for any pinholes or nent. For the remaining rsuant to NMOCD rules and cleases which may endanger clieve the operator of liability er, surface water, human health compliance with any other | | |
| When the le malfunction and a vac tr Describe Are Approximal recovered fi punctures as impacted ar 1 hereby certi regulations a public health should their o or the enviro | ease operating valve uck was di- ea Affected tely 5.8 bb rom the lim nd none w reas a remea- lify that the loperators or the envi- operations h nment. In a , or local la | tor arrived or which had ca ispatched to and Cleanup A is was releas ned containm ere found. B diation contract information gi are required to ronment. The nave failed to addition, NMC ws and/or regu | a site the aused the gather ar Action Ta ed (1.2 t ent. Onc ased on t ctor will t vven abov o report a acceptan adequatel OCD acce | battery was releasing e vessel to build press by standing fluids. ken.* bbls in containment, this inspection there be contacted to assist w e is true and complete nd/or file certain releasing ce of a C-141 report by y investigate and reme | 4.5 bbls on pa the liner it wa is no evidence vith delineation to the best of m se notifications y the NMOCD p diate contamina ort does not relie | d, and 0.1 bbls n s visually inspect that the spill flu and remediation efform correct narked as "Final F tion that pose a the ve the operator of OIL CON | lease at multiple nisted off site). ted by Devon fi tids left containr forts. Inderstand that pu ctive actions for re Report" does not re reat to ground wat responsibility for SERVATION | Approximately 1.2 bbls were eld staff for any pinholes or nent. For the remaining rsuant to NMOCD rules and cleases which may endanger clieve the operator of liability er, surface water, human health compliance with any other | | |
| When the le malfunction and a vac tr Describe Are Approximal recovered fi punctures a impacted ar 1 hereby certi regulations a public health should their o or the enviro federal, state | ease operation operation of the environment. In a second s | and Cleanup A and Cleanup A and Cleanup A and Cleanup A as was releas ned containm ere found. B diation contract information gi are required t ronment. The nave failed to a addition, NMC ws and/or regu Reyna | a site the aused the gather ar Action Ta ed (1.2 t ent. Onc ased on t ctor will t vven abov o report a acceptan adequatel OCD acce | battery was releasing e vessel to build press by standing fluids. ken.* bbls in containment, this inspection there be contacted to assist w e is true and complete nd/or file certain releasing ce of a C-141 report by y investigate and reme | 4.5 bbls on pa the liner it wa is no evidence vith delineation to the best of m se notifications y the NMOCD p diate contamina ort does not relie | d, and 0.1 bbls n s visually inspect that the spill flu and remediation efform y knowledge and to and perform correct narked as "Final F tion that pose a the ve the operator of | lease at multiple nisted off site). ted by Devon fi tids left containr forts. Inderstand that pu ctive actions for re Report" does not re reat to ground wat responsibility for SERVATION | Approximately 1.2 bbls were eld staff for any pinholes or nent. For the remaining rsuant to NMOCD rules and cleases which may endanger clieve the operator of liability er, surface water, human health compliance with any other | | |
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| When the le malfunction and a vac tr Describe Are Approximat recovered fi punctures a impacted ar 1 hereby certi regulations a public health should their o or the enviro federal, state Signature: J Printed Nam Title: Field | ease operation of the sease operation of the sease operation of the sease operation of the sease operation operation operations operations of the environment. In a sease of the sease operation ope | tor arrived or which had ca ispatched to and Cleanup A is was releas ned containm ere found. B diation contract information gi are required t ronment. The nave failed to a addition, NMC ws and/or regu Reyna Reyna | a site the aused the gather ar Action Ta ed (1.2 b ent. Ond ased on t ctor will b ven abov o report a acceptan adequatel DCD acce ilations. | battery was releasing e vessel to build press by standing fluids. ken.* bbls in containment, this inspection there be contacted to assist w e is true and complete nd/or file certain releasing ce of a C-141 report by y investigate and reme | 4.5 bbls on pa the liner it wa is no evidence ith delineation to the best of m se notifications y the NMOCD r diate contamina ort does not relie Approved b | d, and 0.1 bbls n s visually inspect that the spill flu and remediation efform correct narked as "Final F tion that pose a the ve the operator of OIL CON | lease at multiple nisted off site). ted by Devon fi tids left containr forts. Inderstand that pu ctive actions for re Report" does not re reat to ground wat responsibility for SERVATION | Approximately 1.2 bbls were eld staff for any pinholes or nent. For the remaining rsuant to NMOCD rules and cleases which may endanger clieve the operator of liability er, surface water, human health compliance with any other NDIVISION | | |

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District RP 2RP-4626 Facility ID Application ID

Incident ID

Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Χ 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.

Page 3

| eceived by OCD: 4/21/2021 | 11:08:26 AM State of New Mex | vico | | Page 27 of |
|----------------------------------|--|-------------------------------------|---|------------------------|
| | | | Incident ID | NAB1805055785 |
| ege 4 Oil Conservation Di | | VISION | District RP | 2RP-4626 |
| | | | Facility ID | |
| | | | Application ID | |
| failed to adequately investigate | at. The acceptance of a C-141 report and remediate contamination that p C-141 report does not relieve the op hews by Mathews 's@dvn.com | oose a threat to groundwater, surfa | ice water, human health liance with any other fe | or the environment. In |
| OCD Only Received by: | | Date: | | |

Page 6

Oil Conservation Division

| Incident ID | NAB1805055785 |
|----------------|---------------|
| District RP | 2RP-4626 |
| Facility ID | |
| Application ID | |

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Closure

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

<u>Closure Report Attachment Checklist</u>: 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: Wes Mathews
 Title: EHS Professional

 Signature:
 Wesley Mathews

 Date:
 4/15/2021

 email:
 wesley.mathews@dvn.com

 Telephone:
 575-725-0787

 OCD Only
 Date:

 Received by:
 Chad Hensley

 Date:
 06/16/2021

 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: 06/16/2021 |
|----------------------------|--|
| Printed Name: Chad Hensley | Title: Environmental Specialist Advanced |

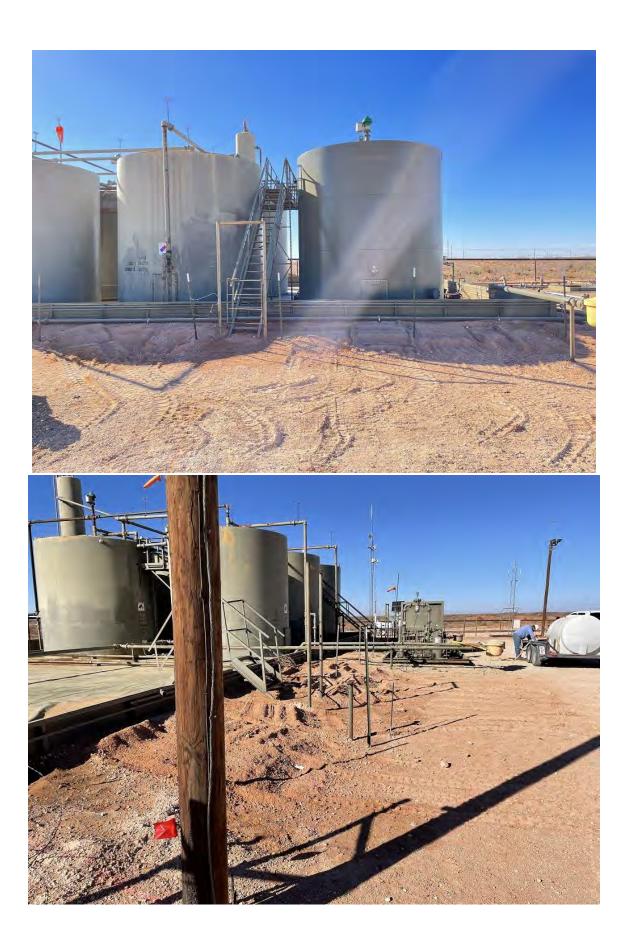


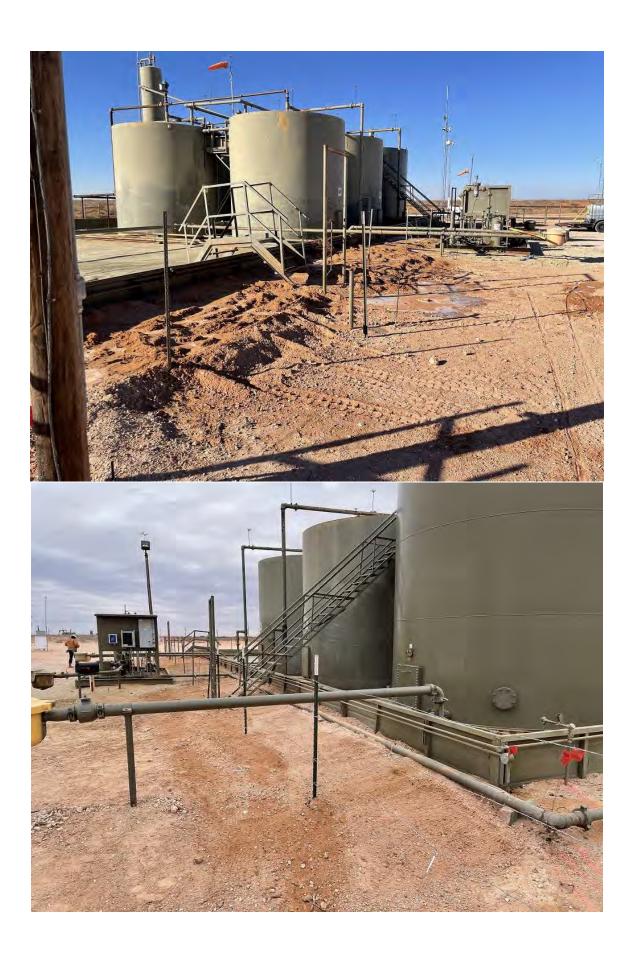
Appendix D

Photographic Documentation













Appendix E

Laboratory Reports



July 13, 2020

Chris Jones Pima Environmental Services LLC 1601 N. Turner Ste 500 Hobbs, NM 88240 TEL: (575) 631-6977 FAX:

RE: Aquila 22 Fed com 1H

OrderNo.: 2006F22

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 34 sample(s) on 6/30/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-5,0"-6" **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:00:00 AM Lab ID: 2006F22-001 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.7 mg/Kg 1 7/5/2020 5:19:16 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 7/5/2020 5:19:16 PM Surr: DNOP 96.5 55.1-146 %Rec 1 7/5/2020 5:19:16 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 500 7/6/2020 4:15:44 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: RAA Benzene ND 0.025 mg/Kg 7/3/2020 7:04:53 AM 1 Toluene ND 0.050 mg/Kg 7/3/2020 7:04:53 AM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/3/2020 7:04:53 AM Xylenes, Total ND 0.10 mg/Kg 1 7/3/2020 7:04:53 AM Surr: 1.2-Dichloroethane-d4 100 70-130 %Rec 1 7/3/2020 7:04:53 AM 7/3/2020 7:04:53 AM Surr: 4-Bromofluorobenzene 92.7 70-130 %Rec 1 Surr: Dibromofluoromethane 101 70-130 %Rec 1 7/3/2020 7:04:53 AM Surr: Toluene-d8 101 70-130 %Rec 1 7/3/2020 7:04:53 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 7/3/2020 7:04:53 AM 5.0 mg/Kg 1 Surr: BFB 101 70-130 %Rec 1 7/3/2020 7:04:53 AM

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-5, 1' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:02:00 AM Lab ID: 2006F22-002 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.8 mg/Kg 1 7/5/2020 5:44:07 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 7/5/2020 5:44:07 PM Surr: DNOP 55.1-146 %Rec 1 7/5/2020 5:44:07 PM 115 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 4:28:03 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: RAA Benzene ND 0.025 mg/Kg 7/3/2020 7:34:18 AM 1 Toluene ND 0.049 mg/Kg 7/3/2020 7:34:18 AM 1 Ethvlbenzene ND 0.049 mg/Kg 1 7/3/2020 7:34:18 AM Xylenes, Total ND 0.098 mg/Kg 1 7/3/2020 7:34:18 AM Surr: 1.2-Dichloroethane-d4 100 70-130 %Rec 1 7/3/2020 7:34:18 AM 7/3/2020 7:34:18 AM Surr: 4-Bromofluorobenzene 91.2 70-130 %Rec 1 Surr: Dibromofluoromethane 104 70-130 %Rec 1 7/3/2020 7:34:18 AM Surr: Toluene-d8 99.2 70-130 %Rec 1 7/3/2020 7:34:18 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 7/3/2020 7:34:18 AM 49 mg/Kg 1

98.2

70-130

%Rec

1

7/3/2020 7:34:18 AM

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

Qualifiers:

Surr: BFB

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analyses

Surr: DNOP

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-5, 2' Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:04:00 AM 2006F22-003 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** 7/5/2020 6:09:02 PM ND 9.8 mg/Kg 1 Motor Oil Range Organics (MRO) ND 1 7/5/2020 6:09:02 PM 49 mg/Kg 77.8 55.1-146 %Rec 1 7/5/2020 6:09:02 PM

| | 11.0 | 0011110 | /01100 | • | 1/0/2020 0:00:02 1 10 |
|--|------|---------|--------|----|-----------------------|
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 60 | mg/Kg | 20 | 7/6/2020 1:43:57 PM |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | Analyst: DJF |
| Benzene | ND | 0.025 | mg/Kg | 1 | 7/3/2020 1:27:33 PM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 7/3/2020 1:27:33 PM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 7/3/2020 1:27:33 PM |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 7/3/2020 1:27:33 PM |
| Surr: 1,2-Dichloroethane-d4 | 99.4 | 70-130 | %Rec | 1 | 7/3/2020 1:27:33 PM |
| Surr: 4-Bromofluorobenzene | 89.8 | 70-130 | %Rec | 1 | 7/3/2020 1:27:33 PM |
| Surr: Dibromofluoromethane | 98.4 | 70-130 | %Rec | 1 | 7/3/2020 1:27:33 PM |
| Surr: Toluene-d8 | 100 | 70-130 | %Rec | 1 | 7/3/2020 1:27:33 PM |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst: DJF |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 7/3/2020 1:27:33 PM |
| Surr: BFB | 99.0 | 70-130 | %Rec | 1 | 7/3/2020 1:27:33 PM |

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-5, 3' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:06:00 AM Lab ID: 2006F22-004 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 7/5/2020 6:33:54 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 7/5/2020 6:33:54 PM Surr: DNOP 75.8 55.1-146 %Rec 1 7/5/2020 6:33:54 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 2:21:10 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.024 mg/Kg 7/3/2020 1:57:57 PM 1 Toluene ND 0.049 mg/Kg 7/3/2020 1:57:57 PM 1 Ethvlbenzene ND 0.049 mg/Kg 1 7/3/2020 1:57:57 PM Xylenes, Total ND 0.098 mg/Kg 1 7/3/2020 1:57:57 PM Surr: 1.2-Dichloroethane-d4 97.7 70-130 %Rec 1 7/3/2020 1:57:57 PM Surr: 4-Bromofluorobenzene 87.2 70-130 %Rec 1 7/3/2020 1:57:57 PM

100

98.7

70-130

49

70-130

%Rec

%Rec

mg/Kg

%Rec

1

1

1

1

7/3/2020 1:57:57 PM

7/3/2020 1:57:57 PM

7/3/2020 1:57:57 PM

7/3/2020 1:57:57 PM

Analyst: DJF

Surr: Toluene-d8 100 70-130 **EPA METHOD 8015D MOD: GASOLINE RANGE** Gasoline Range Organics (GRO) ND

Surr: Dibromofluoromethane

Surr: BFB

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Surr: 1.2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Gasoline Range Organics (GRO)

EPA METHOD 8015D MOD: GASOLINE RANGE

Surr: Toluene-d8

Surr: BFB

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

7/3/2020 2:28:24 PM

Analyst: DJF

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-6, 0"-6" **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:08:00 AM Lab ID: 2006F22-005 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 10 mg/Kg 1 7/5/2020 6:58:36 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 7/5/2020 6:58:36 PM Surr: DNOP 72.1 55.1-146 %Rec 1 7/5/2020 6:58:36 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 2:33:35 PM 59 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.024 mg/Kg 7/3/2020 2:28:24 PM 1 Toluene ND 0.049 mg/Kg 7/3/2020 2:28:24 PM 1 Ethvlbenzene ND 0.049 mg/Kg 1 7/3/2020 2:28:24 PM Xylenes, Total ND 0.098 mg/Kg 1 7/3/2020 2:28:24 PM

109

90.9

106

104

ND

99.4

70-130

70-130

70-130

70-130

70-130

49

%Rec

%Rec

%Rec

%Rec

mg/Kg

%Rec

1

1

1

1

1

1

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Surr: 1.2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Gasoline Range Organics (GRO)

EPA METHOD 8015D MOD: GASOLINE RANGE

Surr: Toluene-d8

Surr: BFB

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

7/3/2020 2:58:48 PM

Analyst: DJF

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-6, 1' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:10:00 AM Lab ID: 2006F22-006 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 10 mg/Kg 1 7/5/2020 7:23:14 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 7/5/2020 7:23:14 PM Surr: DNOP 105 55.1-146 %Rec 1 7/5/2020 7:23:14 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 3:10:48 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/3/2020 2:58:48 PM 1 Toluene ND 0.049 mg/Kg 7/3/2020 2:58:48 PM 1 Ethvlbenzene ND 0.049 mg/Kg 1 7/3/2020 2:58:48 PM Xylenes, Total ND 0.099 mg/Kg 1 7/3/2020 2:58:48 PM

105

88.6

103

107

ND

103

70-130

70-130

70-130

70-130

70-130

49

%Rec

%Rec

%Rec

%Rec

mg/Kg

%Rec

1

1

1

1

1

1

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-6, 2' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:12:00 AM Lab ID: 2006F22-007 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.7 mg/Kg 1 7/5/2020 7:47:53 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 7/5/2020 7:47:53 PM Surr: DNOP 103 55.1-146 %Rec 1 7/5/2020 7:47:53 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 3:23:13 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.024 mg/Kg 7/3/2020 3:29:13 PM 1 Toluene ND 0.049 mg/Kg 7/3/2020 3:29:13 PM 1 Ethvlbenzene ND 0.049 mg/Kg 1 7/3/2020 3:29:13 PM Xylenes, Total ND 0.097 mg/Kg 1 7/3/2020 3:29:13 PM Surr: 1.2-Dichloroethane-d4 99.8 70-130 %Rec 1 7/3/2020 3:29:13 PM Surr: 4-Bromofluorobenzene 88.7 70-130 %Rec 1 7/3/2020 3:29:13 PM Surr: Dibromofluoromethane 98.1 70-130 %Rec 1 7/3/2020 3:29:13 PM Surr: Toluene-d8 104 70-130 %Rec 1 7/3/2020 3:29:13 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 7/3/2020 3:29:13 PM 49 mg/Kg 1

101

70-130

%Rec

1

7/3/2020 3:29:13 PM

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

Qualifiers:

Surr: BFB

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Aquila 22 Fed com 1H

2006F22-008

C Client Sample ID: S-6, 3' Collection Date: 6/26/2020 9:14:00 AM Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result RL Qual Units DF Date Analyzed

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|------------------------------------|----------|----------|----------|----|---------------------|
| EPA METHOD 8015M/D: DIESEL RANGE (| ORGANICS | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 10 | mg/Kg | 1 | 7/5/2020 8:12:29 PM |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 7/5/2020 8:12:29 PM |
| Surr: DNOP | 78.2 | 55.1-146 | %Rec | 1 | 7/5/2020 8:12:29 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 60 | mg/Kg | 20 | 7/6/2020 3:35:37 PM |
| EPA METHOD 8260B: VOLATILES SHORT | LIST | | | | Analyst: DJF |
| Benzene | ND | 0.024 | mg/Kg | 1 | 7/3/2020 3:59:46 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 7/3/2020 3:59:46 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 7/3/2020 3:59:46 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 7/3/2020 3:59:46 PM |
| Surr: 1,2-Dichloroethane-d4 | 103 | 70-130 | %Rec | 1 | 7/3/2020 3:59:46 PM |
| Surr: 4-Bromofluorobenzene | 90.8 | 70-130 | %Rec | 1 | 7/3/2020 3:59:46 PM |
| Surr: Dibromofluoromethane | 102 | 70-130 | %Rec | 1 | 7/3/2020 3:59:46 PM |
| Surr: Toluene-d8 | 104 | 70-130 | %Rec | 1 | 7/3/2020 3:59:46 PM |
| EPA METHOD 8015D MOD: GASOLINE RA | NGE | | | | Analyst: DJF |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 7/3/2020 3:59:46 PM |
| Surr: BFB | 102 | 70-130 | %Rec | 1 | 7/3/2020 3:59:46 PM |

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-7, 0"-6" **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:16:00 AM Lab ID: 2006F22-009 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.9 mg/Kg 1 7/5/2020 6:08:14 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 7/5/2020 6:08:14 PM Surr: DNOP 57.3 55.1-146 %Rec 1 7/5/2020 6:08:14 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 3:48:02 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/3/2020 4:30:08 PM 1 Toluene ND 0.050 mg/Kg 7/3/2020 4:30:08 PM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/3/2020 4:30:08 PM Xylenes, Total ND 0.10 mg/Kg 1 7/3/2020 4:30:08 PM Surr: 1.2-Dichloroethane-d4 102 70-130 %Rec 1 7/3/2020 4:30:08 PM Surr: 4-Bromofluorobenzene 90.0 70-130 %Rec 1 7/3/2020 4:30:08 PM Surr: Dibromofluoromethane 100 70-130 %Rec 1 7/3/2020 4:30:08 PM Surr: Toluene-d8 99.6 70-130 %Rec 1 7/3/2020 4:30:08 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND mg/Kg 7/3/2020 4:30:08 PM 5.0 1 Surr: BFB 97.9 70-130 %Rec 1 7/3/2020 4:30:08 PM

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Aquila 22 Fed com 1H

2006F22-010

Client Sample ID: S-7, 1' Collection Date: 6/26/2020 9:18:00 AM Received Date: 6/30/2020 8:55:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|------------------------------------|----------|----------|----------|----|---------------------|
| EPA METHOD 8015M/D: DIESEL RANGE C | ORGANICS | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | 12 | 9.5 | mg/Kg | 1 | 7/5/2020 7:21:25 PM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 7/5/2020 7:21:25 PM |
| Surr: DNOP | 83.8 | 55.1-146 | %Rec | 1 | 7/5/2020 7:21:25 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 60 | mg/Kg | 20 | 7/6/2020 4:00:26 PM |
| EPA METHOD 8260B: VOLATILES SHORT | LIST | | | | Analyst: DJF |
| Benzene | ND | 0.025 | mg/Kg | 1 | 7/3/2020 5:00:36 PM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 7/3/2020 5:00:36 PM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 7/3/2020 5:00:36 PM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 7/3/2020 5:00:36 PM |
| Surr: 1,2-Dichloroethane-d4 | 101 | 70-130 | %Rec | 1 | 7/3/2020 5:00:36 PM |
| Surr: 4-Bromofluorobenzene | 88.7 | 70-130 | %Rec | 1 | 7/3/2020 5:00:36 PM |
| Surr: Dibromofluoromethane | 101 | 70-130 | %Rec | 1 | 7/3/2020 5:00:36 PM |
| Surr: Toluene-d8 | 103 | 70-130 | %Rec | 1 | 7/3/2020 5:00:36 PM |
| EPA METHOD 8015D MOD: GASOLINE RA | NGE | | | | Analyst: DJF |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 7/3/2020 5:00:36 PM |
| Surr: BFB | 99.7 | 70-130 | %Rec | 1 | 7/3/2020 5:00:36 PM |

Matrix: SOIL

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analyses

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-7, 2' Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:20:00 AM 2006F22-011 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.7 mg/Kg 1 7/5/2020 7:45:46 PM Motor Oil Range Organics (MRO) ND 7/5/2020 7:45:46 PM 49 mg/Kg 1 Surr: DNOP 71.2 55.1-146 %Rec 1 7/5/2020 7:45:46 PM **FPA METHOD 300.0: ANIONS** Analvst: MRA

| EPA METHOD 300.0: ANIONS | | | | | Analyst. WIRA |
|--|------|--------|-------|----|---------------------|
| Chloride | ND | 60 | mg/Kg | 20 | 7/6/2020 4:12:51 PM |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | Analyst: DJF |
| Benzene | ND | 0.025 | mg/Kg | 1 | 7/3/2020 5:31:05 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 7/3/2020 5:31:05 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 7/3/2020 5:31:05 PM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 7/3/2020 5:31:05 PM |
| Surr: 1,2-Dichloroethane-d4 | 102 | 70-130 | %Rec | 1 | 7/3/2020 5:31:05 PM |
| Surr: 4-Bromofluorobenzene | 92.3 | 70-130 | %Rec | 1 | 7/3/2020 5:31:05 PM |
| Surr: Dibromofluoromethane | 101 | 70-130 | %Rec | 1 | 7/3/2020 5:31:05 PM |
| Surr: Toluene-d8 | 103 | 70-130 | %Rec | 1 | 7/3/2020 5:31:05 PM |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst: DJF |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 7/3/2020 5:31:05 PM |
| Surr: BFB | 103 | 70-130 | %Rec | 1 | 7/3/2020 5:31:05 PM |

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-7, 3' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:22:00 AM Lab ID: 2006F22-012 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.3 mg/Kg 1 7/5/2020 8:10:12 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 7/5/2020 8:10:12 PM Surr: DNOP 76.2 55.1-146 %Rec 1 7/5/2020 8:10:12 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 4:25:15 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/3/2020 6:01:31 PM 1 Toluene ND 0.050 mg/Kg 7/3/2020 6:01:31 PM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/3/2020 6:01:31 PM Xylenes, Total ND 0.10 mg/Kg 1 7/3/2020 6:01:31 PM Surr: 1.2-Dichloroethane-d4 104 70-130 %Rec 1 7/3/2020 6:01:31 PM 7/3/2020 6:01:31 PM Surr: 4-Bromofluorobenzene 91.0 70-130 %Rec 1 Surr: Dibromofluoromethane 100 70-130 %Rec 1 7/3/2020 6:01:31 PM Surr: Toluene-d8 106 70-130 %Rec 1 7/3/2020 6:01:31 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND mg/Kg 7/3/2020 6:01:31 PM 5.0 1

106

70-130

%Rec

1

7/3/2020 6:01:31 PM

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

Qualifiers:

Surr: BFB

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Released to Imaging: 6/16/2021 3:18:48 PM

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-8, 0"-6" **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:24:00 AM Lab ID: 2006F22-013 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 9.3 mg/Kg 1 7/6/2020 7:58:27 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 7/6/2020 7:58:27 PM Surr: DNOP 78.5 55.1-146 %Rec 1 7/6/2020 7:58:27 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 4:37:39 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/3/2020 6:31:47 PM 1 Toluene ND 0.050 mg/Kg 7/3/2020 6:31:47 PM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/3/2020 6:31:47 PM Xylenes, Total ND 0.10 mg/Kg 1 7/3/2020 6:31:47 PM Surr: 1.2-Dichloroethane-d4 106 70-130 %Rec 1 7/3/2020 6:31:47 PM Surr: 4-Bromofluorobenzene 91.4 70-130 %Rec 1 7/3/2020 6:31:47 PM Surr: Dibromofluoromethane 105 70-130 %Rec 1 7/3/2020 6:31:47 PM Surr: Toluene-d8 104 70-130 %Rec 1 7/3/2020 6:31:47 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND mg/Kg 7/3/2020 6:31:47 PM 5.0 1

104

70-130

%Rec

1

7/3/2020 6:31:47 PM

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

Qualifiers:

Surr: BFB

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
 H Holding times for preparation or analysis exceeded
- H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
- NDNot Detected at the Reporting LimitPQLPractical Quanitative Limit
- 2L Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Released to Imaging: 6/16/2021 3:18:48 PM

Gasoline Range Organics (GRO)

Surr: BFB

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

7/3/2020 7:02:03 PM

7/3/2020 7:02:03 PM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-8, 1' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:26:00 AM Lab ID: 2006F22-014 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 9.2 mg/Kg 1 7/6/2020 8:22:44 PM Motor Oil Range Organics (MRO) 7/6/2020 8:22:44 PM ND 46 mg/Kg 1 Surr: DNOP 82.4 55.1-146 %Rec 1 7/6/2020 8:22:44 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 4:50:04 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/3/2020 7:02:03 PM 1 Toluene ND 0.050 mg/Kg 7/3/2020 7:02:03 PM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/3/2020 7:02:03 PM Xylenes, Total ND 0.099 mg/Kg 1 7/3/2020 7:02:03 PM Surr: 1.2-Dichloroethane-d4 99.8 70-130 %Rec 1 7/3/2020 7:02:03 PM 7/3/2020 7:02:03 PM Surr: 4-Bromofluorobenzene 84.5 70-130 %Rec 1 Surr: Dibromofluoromethane 99.1 70-130 %Rec 1 7/3/2020 7:02:03 PM Surr: Toluene-d8 105 70-130 %Rec 1 7/3/2020 7:02:03 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF

ND

101

5.0

70-130

mg/Kg

%Rec

1

1

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Gasoline Range Organics (GRO)

Surr: BFB

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

7/3/2020 7:32:19 PM

7/3/2020 7:32:19 PM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-8, 2' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:28:00 AM Lab ID: 2006F22-015 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 9.7 mg/Kg 1 7/6/2020 8:47:07 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 7/6/2020 8:47:07 PM Surr: DNOP 79.4 55.1-146 %Rec 1 7/6/2020 8:47:07 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 5:02:28 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/3/2020 7:32:19 PM 1 Toluene ND 0.050 mg/Kg 7/3/2020 7:32:19 PM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/3/2020 7:32:19 PM Xylenes, Total ND 0.10 mg/Kg 1 7/3/2020 7:32:19 PM Surr: 1.2-Dichloroethane-d4 102 70-130 %Rec 1 7/3/2020 7:32:19 PM Surr: 4-Bromofluorobenzene 90.2 70-130 %Rec 1 7/3/2020 7:32:19 PM Surr: Dibromofluoromethane 99.6 70-130 %Rec 1 7/3/2020 7:32:19 PM Surr: Toluene-d8 105 70-130 %Rec 1 7/3/2020 7:32:19 PM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF

ND

101

5.0

70-130

mg/Kg

%Rec

1

1

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2006F22-016

Project:

Lab ID:

Analyses

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-8, 3' Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:30:00 AM Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** EPA METHOD 8015M/D: DIESEL BANGE ORGANICS Analyst: CI P

| NICS | | | | Analyst: CLP |
|------|---|--|--|--|
| ND | 9.4 | mg/Kg | 1 | 7/6/2020 9:11:29 PM |
| ND | 47 | mg/Kg | 1 | 7/6/2020 9:11:29 PM |
| 85.0 | 55.1-146 | %Rec | 1 | 7/6/2020 9:11:29 PM |
| | | | | Analyst: MRA |
| ND | 60 | mg/Kg | 20 | 7/6/2020 5:39:41 PM |
| | | | | Analyst: DJF |
| ND | 0.025 | mg/Kg | 1 | 7/3/2020 8:02:33 PM |
| ND | 0.049 | mg/Kg | 1 | 7/3/2020 8:02:33 PM |
| ND | 0.049 | mg/Kg | 1 | 7/3/2020 8:02:33 PM |
| ND | 0.098 | mg/Kg | 1 | 7/3/2020 8:02:33 PM |
| 98.9 | 70-130 | %Rec | 1 | 7/3/2020 8:02:33 PM |
| 90.2 | 70-130 | %Rec | 1 | 7/3/2020 8:02:33 PM |
| 98.4 | 70-130 | %Rec | 1 | 7/3/2020 8:02:33 PM |
| 107 | 70-130 | %Rec | 1 | 7/3/2020 8:02:33 PM |
| | | | | Analyst: DJF |
| ND | 4.9 | mg/Kg | 1 | 7/3/2020 8:02:33 PM |
| 105 | 70-130 | %Rec | 1 | 7/3/2020 8:02:33 PM |
| | ND ND 85.0 ND ND ND ND ND 98.9 90.2 98.4 107 ND | ND 9.4 ND 47 85.0 55.1-146 ND 60 ND 0.025 ND 0.049 ND 0.049 ND 0.098 98.9 70-130 90.2 70-130 98.4 70-130 107 70-130 ND 4.9 | ND 9.4 mg/Kg ND 47 mg/Kg 85.0 55.1-146 %Rec ND 60 mg/Kg ND 0.025 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.098 mg/Kg 98.9 70-130 %Rec 98.4 70-130 %Rec 107 70-130 %Rec ND 4.9 mg/Kg | ND 9.4 mg/Kg 1 ND 47 mg/Kg 1 85.0 55.1-146 %Rec 1 ND 60 mg/Kg 20 ND 0.025 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.098 mg/Kg 1 98.9 70-130 %Rec 1 98.4 70-130 %Rec 1 107 70-130 %Rec 1 ND 4.9 mg/Kg 1 |

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Released to Imaging: 6/16/2021 3:18:48 PM

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-9, 0"-6" **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:32:00 AM Lab ID: 2006F22-017 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 9.4 mg/Kg 1 7/6/2020 9:35:52 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 7/6/2020 9:35:52 PM Surr: DNOP 77.1 55.1-146 %Rec 1 7/6/2020 9:35:52 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 5:52:05 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/3/2020 8:32:38 PM 1 Toluene ND 0.050 mg/Kg 7/3/2020 8:32:38 PM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/3/2020 8:32:38 PM Xylenes, Total ND 0.099 mg/Kg 1 7/3/2020 8:32:38 PM Surr: 1.2-Dichloroethane-d4 96.8 70-130 %Rec 1 7/3/2020 8:32:38 PM Surr: 4-Bromofluorobenzene 89.0 70-130 %Rec 1 7/3/2020 8:32:38 PM Surr: Dibromofluoromethane 98.8 70-130 %Rec 1 7/3/2020 8:32:38 PM Surr: Toluene-d8 106 70-130 %Rec 1 7/3/2020 8:32:38 PM

EPA METHOD 8015D MOD: GASOLINE RANGE Gasoline Range Organics (GRO) ND 7/3/2020 8:32:38 PM 5.0 mg/Kg 1 Surr: BFB 101 70-130 %Rec 1 7/3/2020 8:32:38 PM

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analyst: DJF

Lab ID:

Analyses

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-9, 1' Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:34:00 AM 2006F22-018 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** 7/6/2020 10:00:22 PM ND 9.2 mg/Kg 1 Motor Oil Range Organics (MRO) ND 7/6/2020 10:00:22 PM 46 mg/Kg 1 Surr: DNOP 73.2 55.1-146 %Rec 1 7/6/2020 10:00:22 PM **FPA METHOD 300.0: ANIONS** Analyst: MRA

| EPA METHOD 300.0: ANIONS | | | | | Analyst. MRA |
|--|------|--------|-------|----|----------------------|
| Chloride | ND | 60 | mg/Kg | 20 | 7/6/2020 6:04:29 PM |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | Analyst: DJF |
| Benzene | ND | 0.025 | mg/Kg | 1 | 7/4/2020 12:00:55 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 7/4/2020 12:00:55 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 7/4/2020 12:00:55 AM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 7/4/2020 12:00:55 AM |
| Surr: 1,2-Dichloroethane-d4 | 103 | 70-130 | %Rec | 1 | 7/4/2020 12:00:55 AM |
| Surr: 4-Bromofluorobenzene | 90.3 | 70-130 | %Rec | 1 | 7/4/2020 12:00:55 AM |
| Surr: Dibromofluoromethane | 103 | 70-130 | %Rec | 1 | 7/4/2020 12:00:55 AM |
| Surr: Toluene-d8 | 101 | 70-130 | %Rec | 1 | 7/4/2020 12:00:55 AM |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst: DJF |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 7/4/2020 12:00:55 AM |
| Surr: BFB | 99.2 | 70-130 | %Rec | 1 | 7/4/2020 12:00:55 AM |
| | | | | | |

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

7/4/2020 1:29:26 AM

7/4/2020 1:29:26 AM

7/4/2020 1:29:26 AM

Analyst: DJF

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-9, 2' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:36:00 AM Lab ID: 2006F22-019 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP Diesel Range Organics (DRO) ND 9.9 mg/Kg 1 7/6/2020 10:24:49 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 7/6/2020 10:24:49 PM Surr: DNOP 78.8 55.1-146 %Rec 1 7/6/2020 10:24:49 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 6:16:54 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/4/2020 1:29:26 AM 1 Toluene ND 0.050 mg/Kg 7/4/2020 1:29:26 AM 1 Ethylbenzene ND 0.050 mg/Kg 1 7/4/2020 1:29:26 AM Xylenes, Total ND 0.099 mg/Kg 1 7/4/2020 1:29:26 AM Surr: 1.2-Dichloroethane-d4 102 70-130 %Rec 1 7/4/2020 1:29:26 AM Surr: 4-Bromofluorobenzene 92.5 70-130 %Rec 1 7/4/2020 1:29:26 AM **D**.1 ~ -----~ ~ ¬ 7/4/2020 1:29:26 AM

99.2

70-130

%Rec

1

| Surr: Dibromofluoromethane | 105 | 70-130 | %Rec 1 | 1 |
|--------------------------------------|------|--------|---------|---|
| Surr: Toluene-d8 | 99.4 | 70-130 | %Rec 1 | 1 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg 1 | 1 |

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

Qualifiers:

Surr: BFB

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Gasoline Range Organics (GRO)

Surr: BFB

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

7/4/2020 2:57:48 AM

7/4/2020 2:57:48 AM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-9, 3' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:38:00 AM Lab ID: 2006F22-020 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** 7/6/2020 10:49:14 PM ND 9.7 mg/Kg 1 Motor Oil Range Organics (MRO) 7/6/2020 10:49:14 PM ND 48 mg/Kg 1 Surr: DNOP 86.0 55.1-146 %Rec 1 7/6/2020 10:49:14 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 6:29:19 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/4/2020 2:57:48 AM 1 Toluene ND 0.050 mg/Kg 7/4/2020 2:57:48 AM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/4/2020 2:57:48 AM Xylenes, Total ND 0.10 mg/Kg 1 7/4/2020 2:57:48 AM Surr: 1.2-Dichloroethane-d4 105 70-130 %Rec 1 7/4/2020 2:57:48 AM 7/4/2020 2:57:48 AM Surr: 4-Bromofluorobenzene 91.4 70-130 %Rec 1 Surr: Dibromofluoromethane 106 70-130 %Rec 1 7/4/2020 2:57:48 AM Surr: Toluene-d8 98.7 70-130 %Rec 1 7/4/2020 2:57:48 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF

ND

98.4

5.0

70-130

mg/Kg

%Rec

1

1

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-10, 0"-6" **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:40:00 AM Lab ID: 2006F22-021 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 9.5 mg/Kg 1 7/6/2020 11:13:39 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 7/6/2020 11:13:39 PM Surr: DNOP 91.3 55.1-146 %Rec 1 7/6/2020 11:13:39 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 6:41:43 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/4/2020 3:27:10 AM 1 Toluene ND 0.049 mg/Kg 7/4/2020 3:27:10 AM 1 Ethvlbenzene ND 0.049 mg/Kg 1 7/4/2020 3:27:10 AM Xylenes, Total ND 0.098 mg/Kg 1 7/4/2020 3:27:10 AM Surr: 1.2-Dichloroethane-d4 104 70-130 %Rec 1 7/4/2020 3:27:10 AM 7/4/2020 3:27:10 AM Surr: 4-Bromofluorobenzene 90.2 70-130 %Rec 1 Surr: Dibromofluoromethane 70-130 %Rec 1 7/4/2020 3:27:10 AM 111 Surr: Toluene-d8 102 70-130 %Rec 1 7/4/2020 3:27:10 AM

EPA METHOD 8015D MOD: GASOLINE RANGE Gasoline Range Organics (GRO) ND 7/4/2020 3:27:10 AM 49 mg/Kg 1 Surr: BFB 98.2 70-130 %Rec 1 7/4/2020 3:27:10 AM

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analyst: DJF

Lab ID:

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Aquila 22 Fed com 1H

2006F22-022

C Client Sample ID: S-10, 1' Collection Date: 6/26/2020 9:42:00 AM Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result RL Oual Units DF Date Analyzed

| Analyses | Result | RL Qu | ual Units | DF | Date Analyzed |
|----------------------------------|----------|----------|-----------|----|----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | ND | 9.8 | mg/Kg | 1 | 7/6/2020 11:38:08 PM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 7/6/2020 11:38:08 PM |
| Surr: DNOP | 80.6 | 55.1-146 | %Rec | 1 | 7/6/2020 11:38:08 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 60 | mg/Kg | 20 | 7/6/2020 6:54:08 PM |
| EPA METHOD 8260B: VOLATILES SHOR | T LIST | | | | Analyst: DJF |
| Benzene | ND | 0.024 | mg/Kg | 1 | 7/4/2020 3:56:30 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 7/4/2020 3:56:30 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 7/4/2020 3:56:30 AM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 7/4/2020 3:56:30 AM |
| Surr: 1,2-Dichloroethane-d4 | 104 | 70-130 | %Rec | 1 | 7/4/2020 3:56:30 AM |
| Surr: 4-Bromofluorobenzene | 96.1 | 70-130 | %Rec | 1 | 7/4/2020 3:56:30 AM |
| Surr: Dibromofluoromethane | 105 | 70-130 | %Rec | 1 | 7/4/2020 3:56:30 AM |
| Surr: Toluene-d8 | 103 | 70-130 | %Rec | 1 | 7/4/2020 3:56:30 AM |
| EPA METHOD 8015D MOD: GASOLINE R | ANGE | | | | Analyst: DJF |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 7/4/2020 3:56:30 AM |
| Surr: BFB | 106 | 70-130 | %Rec | 1 | 7/4/2020 3:56:30 AM |

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analyses

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-10, 2' Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:44:00 AM 2006F22-023 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** 7/7/2020 12:02:42 AM ND 9.6 mg/Kg 1 Motor Oil Range Organics (MRO) ND 7/7/2020 12:02:42 AM 48 mg/Kg 1

| Surr: DNOP | 82.5 | 55.1-146 | %Rec | 1 | 7/7/2020 12:02:42 AM |
|--|------|----------|-------|----|----------------------|
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 60 | mg/Kg | 20 | 7/6/2020 5:29:46 PM |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | Analyst: DJF |
| Benzene | ND | 0.025 | mg/Kg | 1 | 7/4/2020 4:25:51 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 7/4/2020 4:25:51 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 7/4/2020 4:25:51 AM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 7/4/2020 4:25:51 AM |
| Surr: 1,2-Dichloroethane-d4 | 106 | 70-130 | %Rec | 1 | 7/4/2020 4:25:51 AM |
| Surr: 4-Bromofluorobenzene | 90.4 | 70-130 | %Rec | 1 | 7/4/2020 4:25:51 AM |
| Surr: Dibromofluoromethane | 106 | 70-130 | %Rec | 1 | 7/4/2020 4:25:51 AM |
| Surr: Toluene-d8 | 103 | 70-130 | %Rec | 1 | 7/4/2020 4:25:51 AM |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst: DJF |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 7/4/2020 4:25:51 AM |
| Surr: BFB | 102 | 70-130 | %Rec | 1 | 7/4/2020 4:25:51 AM |

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-10, 3' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:46:00 AM Lab ID: 2006F22-024 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 9.3 mg/Kg 1 7/7/2020 12:27:09 AM Motor Oil Range Organics (MRO) 7/7/2020 12:27:09 AM ND 47 mg/Kg 1 Surr: DNOP 81.9 55.1-146 %Rec 1 7/7/2020 12:27:09 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 6:31:35 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.024 mg/Kg 7/4/2020 4:55:16 AM 1 Toluene ND 0.048 mg/Kg 7/4/2020 4:55:16 AM 1 Ethvlbenzene ND 0.048 mg/Kg 1 7/4/2020 4:55:16 AM Xylenes, Total ND 0.097 mg/Kg 1 7/4/2020 4:55:16 AM Surr: 1.2-Dichloroethane-d4 101 70-130 %Rec 1 7/4/2020 4:55:16 AM 7/4/2020 4:55:16 AM Surr: 4-Bromofluorobenzene 94.2 70-130 %Rec 1 Surr: Dibromofluoromethane 108 70-130 %Rec 1 7/4/2020 4:55:16 AM Surr: Toluene-d8 102 70-130 %Rec 1 7/4/2020 4:55:16 AM

| | - | | | | |
|--------------------------------------|-----|--------|-------|---|---------------------|
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst: DJF |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 7/4/2020 4:55:16 AM |
| Surr: BFB | 103 | 70-130 | %Rec | 1 | 7/4/2020 4:55:16 AM |

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Aquila 22 Fed com 1H

2006F22-025

Client Sample ID: BG-1 Collection Date: 6/26/2020 9:48:00 AM Received Date: 6/30/2020 8:55:00 AM

| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
|--|--------|----------|---------|----|----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGA | NICS | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | ND | 9.0 | mg/Kg | 1 | 7/7/2020 12:51:36 AM |
| Motor Oil Range Organics (MRO) | ND | 45 | mg/Kg | 1 | 7/7/2020 12:51:36 AM |
| Surr: DNOP | 92.7 | 55.1-146 | %Rec | 1 | 7/7/2020 12:51:36 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 60 | mg/Kg | 20 | 7/6/2020 6:43:56 PM |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | Analyst: DJF |
| Benzene | ND | 0.025 | mg/Kg | 1 | 7/4/2020 5:24:38 AM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 7/4/2020 5:24:38 AM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 7/4/2020 5:24:38 AM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 7/4/2020 5:24:38 AM |
| Surr: 1,2-Dichloroethane-d4 | 99.6 | 70-130 | %Rec | 1 | 7/4/2020 5:24:38 AM |
| Surr: 4-Bromofluorobenzene | 95.0 | 70-130 | %Rec | 1 | 7/4/2020 5:24:38 AM |
| Surr: Dibromofluoromethane | 103 | 70-130 | %Rec | 1 | 7/4/2020 5:24:38 AM |
| Surr: Toluene-d8 | 101 | 70-130 | %Rec | 1 | 7/4/2020 5:24:38 AM |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst: DJF |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 7/4/2020 5:24:38 AM |
| Surr: BFB | 105 | 70-130 | %Rec | 1 | 7/4/2020 5:24:38 AM |

Matrix: SOIL

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analyses

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC **Client Sample ID: BG-2** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:50:00 AM 2006F22-026 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 9.0 mg/Kg 1 7/7/2020 1:40:24 AM ND 7/7/2020 1:40:24 AM Motor Oil Range Organics (MRO) 45 mg/Kg 1 02.2 FF 4 4 40 0/ 1 7/7/2020 1.40.24 AM

| Surr: DNOP | 93.3 | 55.1-146 | %Rec | 1 | 7/7/2020 1:40:24 AM |
|--|------|----------|-------|----|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 60 | mg/Kg | 20 | 7/6/2020 6:56:17 PM |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | Analyst: DJF |
| Benzene | ND | 0.025 | mg/Kg | 1 | 7/4/2020 5:54:00 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 7/4/2020 5:54:00 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 7/4/2020 5:54:00 AM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 7/4/2020 5:54:00 AM |
| Surr: 1,2-Dichloroethane-d4 | 102 | 70-130 | %Rec | 1 | 7/4/2020 5:54:00 AM |
| Surr: 4-Bromofluorobenzene | 96.0 | 70-130 | %Rec | 1 | 7/4/2020 5:54:00 AM |
| Surr: Dibromofluoromethane | 105 | 70-130 | %Rec | 1 | 7/4/2020 5:54:00 AM |
| Surr: Toluene-d8 | 100 | 70-130 | %Rec | 1 | 7/4/2020 5:54:00 AM |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst: DJF |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 7/4/2020 5:54:00 AM |
| Surr: BFB | 99.4 | 70-130 | %Rec | 1 | 7/4/2020 5:54:00 AM |

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: BG-3 **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:52:00 AM Lab ID: 2006F22-027 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP Diesel Range Organics (DRO) ND 9.3 mg/Kg 1 7/7/2020 2:04:48 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 7/7/2020 2:04:48 AM Surr: DNOP 91.6 55.1-146 %Rec 1 7/7/2020 2:04:48 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 7/6/2020 7:08:38 PM 59 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/4/2020 6:23:23 AM 1 Toluene ND 0.050 mg/Kg 7/4/2020 6:23:23 AM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/4/2020 6:23:23 AM Xylenes, Total ND 0.10 mg/Kg 1 7/4/2020 6:23:23 AM Surr: 1.2-Dichloroethane-d4 98.8 70-130 %Rec 1 7/4/2020 6:23:23 AM 7/4/2020 6:23:23 AM Surr: 4-Bromofluorobenzene 92.7 70-130 %Rec 1 Surr: Dibromofluoromethane 102 70-130 %Rec 1 7/4/2020 6:23:23 AM Surr: Toluene-d8 103 70-130 %Rec 1 7/4/2020 6:23:23 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 7/4/2020 6:23:23 AM 5.0 mg/Kg 1 Surr: BFB 101 70-130 %Rec 1 7/4/2020 6:23:23 AM

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-1-C-S **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:54:00 AM Lab ID: 2006F22-028 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP Diesel Range Organics (DRO) ND 9.1 mg/Kg 1 7/8/2020 8:23:12 AM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 7/8/2020 8:23:12 AM Surr: DNOP 104 55.1-146 %Rec 1 7/8/2020 8:23:12 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 61 7/6/2020 7:20:59 PM 160 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.024 mg/Kg 7/4/2020 6:52:46 AM 1 Toluene ND 0.049 mg/Kg 7/4/2020 6:52:46 AM 1 Ethylbenzene ND 0.049 mg/Kg 1 7/4/2020 6:52:46 AM Xylenes, Total ND 0.097 mg/Kg 1 7/4/2020 6:52:46 AM Surr: 1.2-Dichloroethane-d4 101 70-130 %Rec 1 7/4/2020 6:52:46 AM 7/4/2020 6:52:46 AM Surr: 4-Bromofluorobenzene 91.1 70-130 %Rec 1 Surr: Dibromofluoromethane 105 70-130 %Rec 1 7/4/2020 6:52:46 AM Surr: Toluene-d8 101 70-130 %Rec 1 7/4/2020 6:52:46 AM

| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst: DJF |
|--------------------------------------|-----|--------|-------|---|---------------------|
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 7/4/2020 6:52:46 AM |
| Surr: BFB | 101 | 70-130 | %Rec | 1 | 7/4/2020 6:52:46 AM |

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analyses

Chloride

Benzene

Toluene

Ethvlbenzene

Xylenes, Total

Surr: BFB

Surr: 1.2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Gasoline Range Organics (GRO)

EPA METHOD 8015D MOD: GASOLINE RANGE

Surr: Toluene-d8

Analytical Report Lab Order 2006F22

Date Reported: 7/13/2020

7/4/2020 7:22:09 AM

7/4/2020 7:22:09 AM

7/4/2020 7:22:09 AM

7/4/2020 7:22:09 AM 7/4/2020 7:22:09 AM

7/4/2020 7:22:09 AM

7/4/2020 7:22:09 AM

7/4/2020 7:22:09 AM

7/4/2020 7:22:09 AM

Analyst: DJF

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-2-C-W Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:56:00 AM 2006F22-029 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP Diesel Range Organics (DRO) ND 9.4 mg/Kg 1 7/7/2020 3:18:01 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 7/7/2020 3:18:01 AM Surr: DNOP 87.7 55.1-146 %Rec 1 7/7/2020 3:18:01 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA 580 7/6/2020 7:33:21 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF ND 0.025 mg/Kg 7/4/2020 7:22:09 AM 1

0.049

0.049

0.099

70-130

70-130

70-130

70-130

70-130

49

mg/Kg

mg/Kg

mg/Kg

%Rec

%Rec

%Rec

%Rec

mg/Kg

%Rec

1

1

1

1

1

1

1

1

1

ND

ND

ND

107

89.6

110

102

ND

101

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-3-C-N **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 9:58:00 AM Lab ID: 2006F22-030 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** 290 50 mg/Kg 5 7/7/2020 4:31:03 AM Motor Oil Range Organics (MRO) 5 470 250 mg/Kg 7/7/2020 4:31:03 AM 55.1-146 Surr: DNOP 93.9 %Rec 5 7/7/2020 4:31:03 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 1100 7/6/2020 7:45:42 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/4/2020 7:51:33 AM 1 Toluene ND 0.050 mg/Kg 7/4/2020 7:51:33 AM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/4/2020 7:51:33 AM Xylenes, Total ND 0.099 mg/Kg 1 7/4/2020 7:51:33 AM Surr: 1.2-Dichloroethane-d4 107 70-130 %Rec 1 7/4/2020 7:51:33 AM 7/4/2020 7:51:33 AM Surr: 4-Bromofluorobenzene 92.0 70-130 %Rec 1 Surr: Dibromofluoromethane 108 70-130 %Rec 1 7/4/2020 7:51:33 AM

Surr: Toluene-d8 104 70-130 %Rec 1 7/4/2020 7:51:33 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND mg/Kg 7/4/2020 7:51:33 AM 5.0 1 Surr: BFB 99.6 70-130 %Rec 1 7/4/2020 7:51:33 AM

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-4-C-E **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 10:00:00 AM Lab ID: 2006F22-031 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) mg/Kg 5700 190 20 7/4/2020 2:05:34 PM Motor Oil Range Organics (MRO) 4000 970 mg/Kg 20 7/4/2020 2:05:34 PM Surr: DNOP 55.1-146 S %Rec 20 7/4/2020 2:05:34 PM 0 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 310 7/6/2020 7:58:02 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.024 mg/Kg 7/4/2020 8:20:58 AM 1 Toluene ND 0.049 mg/Kg 7/4/2020 8:20:58 AM 1 Ethvlbenzene ND 0.049 mg/Kg 1 7/4/2020 8:20:58 AM Xylenes, Total ND 0.098 mg/Kg 1 7/4/2020 8:20:58 AM Surr: 1.2-Dichloroethane-d4 102 70-130 %Rec 1 7/4/2020 8:20:58 AM 7/4/2020 8:20:58 AM Surr: 4-Bromofluorobenzene 84.7 70-130 %Rec 1 Surr: Dibromofluoromethane 107 70-130 %Rec 1 7/4/2020 8:20:58 AM Surr: Toluene-d8 100 70-130 %Rec 1 7/4/2020 8:20:58 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 7/4/2020 8:20:58 AM 49 mg/Kg 1

101

70-130

%Rec

1

7/4/2020 8:20:58 AM

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

Qualifiers:

Surr: BFB

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: B-1, 0-2' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 10:02:00 AM Lab ID: 2006F22-032 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.8 mg/Kg 1 7/4/2020 2:30:02 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 7/4/2020 2:30:02 PM Surr: DNOP 89.8 55.1-146 %Rec 1 7/4/2020 2:30:02 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 660 7/6/2020 8:35:06 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.024 mg/Kg 7/4/2020 8:50:30 AM 1 Toluene ND 0.049 mg/Kg 7/4/2020 8:50:30 AM 1 Ethvlbenzene ND 0.049 mg/Kg 1 7/4/2020 8:50:30 AM Xylenes, Total ND 0.097 mg/Kg 1 7/4/2020 8:50:30 AM Surr: 1.2-Dichloroethane-d4 104 70-130 %Rec 1 7/4/2020 8:50:30 AM 7/4/2020 8:50:30 AM Surr: 4-Bromofluorobenzene 90.6 70-130 %Rec 1 Surr: Dibromofluoromethane 105 70-130 %Rec 1 7/4/2020 8:50:30 AM Surr: Toluene-d8 102 70-130 %Rec 1 7/4/2020 8:50:30 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 7/4/2020 8:50:30 AM 49 mg/Kg 1

98.2

70-130

%Rec

1

7/4/2020 8:50:30 AM

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

Qualifiers:

Surr: BFB

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: B-2, 0-1' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 10:04:00 AM Lab ID: 2006F22-033 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.2 mg/Kg 1 7/4/2020 2:54:10 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 7/4/2020 2:54:10 PM Surr: DNOP 81.4 55.1-146 %Rec 1 7/4/2020 2:54:10 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 2200 7/6/2020 8:47:26 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/4/2020 11:18:23 AM 1 Toluene ND 0.050 mg/Kg 7/4/2020 11:18:23 AM 1 Ethvlbenzene ND 0.050 mg/Kg 1 7/4/2020 11:18:23 AM Xylenes, Total ND 0.099 mg/Kg 1 7/4/2020 11:18:23 AM Surr: 1.2-Dichloroethane-d4 102 70-130 %Rec 1 7/4/2020 11:18:23 AM 7/4/2020 11:18:23 AM Surr: 4-Bromofluorobenzene 90.8 70-130 %Rec 1 Surr: Dibromofluoromethane 101 70-130 %Rec 1 7/4/2020 11:18:23 AM Surr: Toluene-d8 99.5 70-130 %Rec 1 7/4/2020 11:18:23 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 7/4/2020 11:18:23 AM 5.0 mg/Kg 1 Surr: BFB 99.4 70-130 %Rec 1 7/4/2020 11:18:23 AM

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 7/13/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: B-2, 4' **Project:** Aquila 22 Fed com 1H Collection Date: 6/26/2020 10:06:00 AM Lab ID: 2006F22-034 Matrix: SOIL Received Date: 6/30/2020 8:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.4 mg/Kg 1 7/4/2020 3:18:40 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 7/4/2020 3:18:40 PM Surr: DNOP 96.4 55.1-146 %Rec 1 7/4/2020 3:18:40 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 6600 300 7/7/2020 8:42:44 PM mg/Kg 100 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF Benzene ND 0.025 mg/Kg 7/4/2020 11:48:01 AM 1 Toluene ND 0.049 mg/Kg 7/4/2020 11:48:01 AM 1 Ethvlbenzene ND 0.049 mg/Kg 1 7/4/2020 11:48:01 AM Xylenes, Total ND 0.098 mg/Kg 1 7/4/2020 11:48:01 AM Surr: 1.2-Dichloroethane-d4 102 70-130 %Rec 1 7/4/2020 11:48:01 AM 7/4/2020 11:48:01 AM Surr: 4-Bromofluorobenzene 91.4 70-130 %Rec 1 Surr: Dibromofluoromethane 105 70-130 %Rec 1 7/4/2020 11:48:01 AM Surr: Toluene-d8 99.3 70-130 %Rec 1 7/4/2020 11:48:01 AM **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 7/4/2020 11:48:01 AM 49 mg/Kg 1

102

70-130

%Rec

1

7/4/2020 11:48:01 AM

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

Qualifiers:

Surr: BFB

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | | nvironmental Services LLC 22 Fed com 1H | | | | | |
|---------------------|-----------|---|----------------------------------|------------------------|--|--|--|
| Sample ID: | MB-53511 | SampType: mblk | TestCode: EPA Method 300.0: A | nions | | | |
| Client ID: | PBS | Batch ID: 53511 | RunNo: 70125 | | | | |
| Prep Date: | 7/6/2020 | Analysis Date: 7/6/2020 | SeqNo: 2436880 Units: | mg/Kg | | | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLi | mit %RPD RPDLimit Qual | | | |
| Chloride | | ND 1.5 | | | | | |
| Sample ID: | LCS-53511 | SampType: Ics | TestCode: EPA Method 300.0: A | nions | | | |
| Client ID: | LCSS | Batch ID: 53511 | RunNo: 70125 | | | | |
| Prep Date: | 7/6/2020 | Analysis Date: 7/6/2020 | SeqNo: 2436881 Units: | mg/Kg | | | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLi | mit %RPD RPDLimit Qual | | | |
| Chloride | | 14 1.5 15.00 | 0 95.3 90 1 | 10 | | | |
| Sample ID: | MB-53505 | SampType: mblk | TestCode: EPA Method 300.0: A | nions | | | |
| Client ID: | PBS | Batch ID: 53505 | RunNo: 70135 | | | | |
| Prep Date: | 7/6/2020 | Analysis Date: 7/6/2020 | SeqNo: 2437262 Units: | mg/Kg | | | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLi | mit %RPD RPDLimit Qual | | | |
| Chloride | | ND 1.5 | | | | | |
| Sample ID: | LCS-53505 | SampType: Ics | TestCode: EPA Method 300.0: A | nions | | | |
| Client ID: | LCSS | Batch ID: 53505 | RunNo: 70135 | | | | |
| Prep Date: | 7/6/2020 | Analysis Date: 7/6/2020 | SeqNo: 2437263 Units: | mg/Kg | | | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLi | mit %RPD RPDLimit Qual | | | |
| Chloride | | 14 1.5 15.00 | 0 96.0 90 | 10 | | | |
| Sample ID: | MB-53521 | SampType: mblk TestCode: EPA Method 300.0: Anions | | | | | |
| Client ID: | PBS | Batch ID: 53521 | RunNo: 70135 | | | | |
| Prep Date: | 7/6/2020 | Analysis Date: 7/6/2020 | SeqNo: 2437292 Units: | mg/Kg | | | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLi | mit %RPD RPDLimit Qual | | | |
| Chloride | | ND 1.5 | | | | | |
| Sample ID: | LCS-53521 | SampType: Ics | TestCode: EPA Method 300.0: A | nions | | | |
| Client ID: | LCSS | Batch ID: 53521 | RunNo: 70135 | | | | |
| Prep Date: | 7/6/2020 | Analysis Date: 7/6/2020 | SeqNo: 2437293 Units: | mg/Kg | | | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLi | mit %RPD RPDLimit Qual | | | |
| Chloride | | 14 1.5 15.00 | 0 96.2 90 | 10 | | | |

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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WO#:

Client:

Project:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Pima Environmental Services LLC

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| | WO#: | 2006F22 |
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| | | 13-Jul-20 |
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| | | |
| de: EPA Method 8015M/D: Diesel Range | Organics | |

| Sample ID: LCS-53484 | SampType: LCS TestCode: EPA Method | | | | | 8015M/D: Diesel Range Organics | | | | |
|---|---|------------------------------------|--------------------|---|---|--------------------------------|-----------------------------|------------|------------|------|
| Client ID: LCSS | Batch | ID: 534 | 484 | R | lunNo: 7 0 | 0104 | | | | |
| Prep Date: 7/2/2020 | Analysis Date: 7/4/2020 | | | S | SeqNo: 2436177 Units: mg/Kg | | | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 52 | 10 | 50.00 | 0 | 104 | 70 | 130 | | | |
| Surr: DNOP | 5.1 | | 5.000 | | 103 | 55.1 | 146 | | | |
| Sample ID: MB-53484 | SampType: MBLK | | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | |
| Client ID: PBS | Batch ID: 53484 | | | RunNo: 70104 | | | | | | |
| Prep Date: 7/2/2020 | Analysis Date: 7/4/2020 | | SeqNo: 2436180 | | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | 10.00 | | 07.6 | EE 4 | 146 | | | |
| Surr: DNOP | 9.8 | | 10.00 | | 97.6 | 55.1 | 146 | | | |
| Sample ID: MB-53453 | SampType: MBLK | | | Tes | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | |
| Client ID: PBS | Batch | ID: 53 | 453 | RunNo: 70101 | | | | | | |
| Prep Date: 7/1/2020 | Analysis Date: 7/5/2020 | | SeqNo: 2436191 | | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) Surr: DNOP | ND 13 | 50 | 10.00 | | 126 | 55.1 | 146 | | | |
| | 15 | | 10.00 | | 120 | 55.1 | 140 | | | |
| Sample ID: LCS-53453 | SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | | |
| Client ID: LCSS | Batch | ID: 53 | 453 | RunNo: 70101 | | | | | | |
| Prep Date: 7/1/2020 | Analysis Da | ate: 7/ | 5/2020 | SeqNo: | | lo: 2436192 Units: mg/l | | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 55 | 10 | 50.00 | 0 | 110 | 70 | 130 | | | |
| • • • • • | | | | | | | | | | |
| Surr: DNOP | 5.4 | | 5.000 | | 109 | 55.1 | 146 | | | |
| • • • • • | | pe: MS | | Tes | | | 146 8015M/D: Die | esel Range | e Organics | |
| Surr: DNOP | 5.4 SampTy | pe: MS | 3 | | | PA Method | | esel Range | e Organics | |
| Surr: DNOP Sample ID: 2006F22-009AMS | 5.4 SampTy | ID: 53 4 | 61 | R | tCode: EF | PA Method 0104 | | Ū | e Organics | |
| Surr: DNOP Sample ID: 2006F22-009AMS Client ID: S-7, 0"-6" | 5.4 SampTy Batch | ID: 53 4 | 5 461 5/2020 | R | tCode: EF RunNo: 70 SeqNo: 24 | PA Method 0104 | 8015M/D: Die | Ū | e Organics | Qual |
| Surr: DNOP Sample ID: 2006F22-009AMS Client ID: S-7, 0"-6" Prep Date: 7/1/2020 | 5.4 SampTy Batch Analysis Da | ID: 53 4 ate: 7 / | 5 461 5/2020 | R | tCode: EF RunNo: 70 SeqNo: 24 | PA Method 0104 436371 | 8015M/D: Die Units: mg/K | g | - | Qual |

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | Pima Envi Aquila 22 | | | ces LLC | | | | | | | |
|--------------------------|------------------------|---------------------|----------------------|---------------|-------------|------------------------|----------------|--------------------|------------|------------------|------|
| Sample ID: | 2006F22-009AMSD | SampT | уре: М | SD | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | S-7, 0"-6" | Batch | n ID: 53 | 461 | F | RunNo: 7(| 0104 | | | | |
| Prep Date: | 7/1/2020 | Analysis D | ate: 7/ | 5/2020 | 5 | SeqNo: 24 | 436372 | Units: mg/# | ٤g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (DRO) | 50 | 9.6 | 47.98 | 4.632 | 94.8 | 47.4 | 136 | 8.82 | 43.4 | |
| Surr: DNOP | | 3.0 | | 4.798 | | 62.9 | 55.1 | 146 | 0 | 0 | |
| Sample ID: | MB-53461 | SampT | ype: ME | BLK | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | PBS | Batch | n ID: 53 | 461 | F | RunNo: 7(| 0110 | | | | |
| Prep Date: | 7/1/2020 | Analysis D | ate: 7/ | 6/2020 | S | SeqNo: 24 | 136420 | Units: mg/# | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (DRO) | ND | 10 | | | | | | | | |
| - | e Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | | 9.7 | | 10.00 | | 97.0 | 55.1 | 146 | | | |
| Sample ID: | LCS-53461 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | LCSS | Batch | n ID: 53 | 461 | F | RunNo: 7(| 0110 | | | | |
| Prep Date: | 7/1/2020 | Analysis D | ate: 7/ | 6/2020 | 5 | SeqNo: 24 | 436421 | Units: mg/# | ٤g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (DRO) | 47 | 10 | 50.00 | 0 | 93.6 | 70 | 130 | | | |
| Surr: DNOP | | 4.5 | | 5.000 | | 89.2 | 55.1 | 146 | | | |
| Sample ID: | 2006F22-029AMS | SampT | уре: М | 6 | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | S-2-C-W | Batch | n ID: 53 | 484 | F | RunNo: 7(| 0110 | | | | |
| Prep Date: | 7/2/2020 | Analysis D | ate: 7/ | 7/2020 | S | SeqNo: 24 | 137849 | Units: mg/# | ٤g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (DRO) | 39 | 9.2 | 45.91 | 5.449 | 74.0 | 47.4 | 136 | | | |
| Surr: DNOP | | 4.3 | | 4.591 | | 93.8 | 55.1 | 146 | | | |
| | | | | - | Tos | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Sample ID: | 2006F22-029AMSD | SampT | ype: M | SD | 165 | | | | - | | |
| Sample ID: Client ID: | | • | ype: MS 1D: 53 | | | RunNo: 70 | | | - | | |
| • | S-2-C-W | • | n ID: 53 | 484 | F | | 0110 | Units: mg/k | - | | |
| Client ID: | S-2-C-W | Batch | n ID: 53 | 484 7/2020 | F | RunNo: 7(| 0110 | | - | RPDLimit | Qual |
| Client ID: Prep Date: | S-2-C-W 7/2/2020 | Batch Analysis D | n ID: 53 Date: 7/ | 484 7/2020 | F | RunNo: 70 SeqNo: 24 |)110 437851 | Units: mg/k | ζg | RPDLimit 43.4 | Qual |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank в

Е Value above quantitation range

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit 2006F22

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|---------------------|--|----------------------|-----------|---------------|----------|------------|------|--|
| Sample ID: MB-53520 | SampType: MBLK | TestCode: E | PA Method | 8015M/D: Dies | el Range | e Organics | | |
| Client ID: PBS | Batch ID: 53520 | RunNo: 7 | 0110 | | | | | |
| Prep Date: 7/6/2020 | Analysis Date: 7/7/2020 | SeqNo: 2 | 437862 | Units: %Rec | | | | |
| Analyte | Result PQL SPK va | lue SPK Ref Val %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Surr: DNOP | 12 10 | 00 119 | 55.1 | 146 | | | | |
| Sample ID: LCS-5352 | SampType: LCS | TestCode: E | PA Method | 8015M/D: Dies | el Range | e Organics | | |
| Client ID: LCSS | Batch ID: 53520 | RunNo: 70110 | | | | | | |
| Prep Date: 7/6/2020 | Analysis Date: 7/7/2020 | SeqNo: 2 | 437863 | Units: %Rec | | | | |
| Analyte | Result PQL SPK va | lue SPK Ref Val %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Surr: DNOP | 5.9 5. | 00 119 | 55.1 | 146 | | | | |

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT Hall En

| | WO#: | 2006F22 |
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| nvironmental Analysis Laboratory, Inc. | | 13-Jul-20 |

| | nvironmenta 22 Fed com | | es LLC | | | | | | | |
|-----------------------------|---------------------------|-----------------|-----------|-------------|-----------|-----------|--------------------|-------------|----------|------|
| Sample ID: mb-53429 | SampT | Гуре: МЕ | BLK | Tes | tCode: El | PA Method | 8260B: Volat | tiles Short | List | |
| Client ID: PBS | Batc | h ID: 534 | 429 | F | RunNo: 7 | 0086 | | | | |
| Prep Date: 6/30/2020 | Analysis E | Date: 7/ | 3/2020 | S | SeqNo: 2 | 435199 | Units: mg/k | ζg | | |
| 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: 1,2-Dichloroethane-d4 | 0.53 | | 0.5000 | | 105 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.44 | | 0.5000 | | 89.0 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.52 | | 0.5000 | | 103 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.51 | | 0.5000 | | 101 | 70 | 130 | | | |
| Sample ID: mb-53434 | SampT | ype: ME | BLK | Tes | tCode: El | PA Method | 8260B: Volat | tiles Short | List | |
| Client ID: PBS | Batc | h ID: 534 | 434 | F | RunNo: 7 | 0102 | | | | |
| Prep Date: 6/30/2020 | Analysis E | | | | SeqNo: 2 | | Units: mg/k | ζg | | |
| 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: 1,2-Dichloroethane-d4 | 0.51 | | 0.5000 | | 102 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.46 | | 0.5000 | | 91.1 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.50 | | 0.5000 | | 99.9 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.50 | | 0.5000 | | 100 | 70 | 130 | | | |
| Sample ID: Ics-53434 | SampT | Type: LC | S4 | Tes | tCode: El | PA Method | 8260B: Volat | tiles Short | List | |
| Client ID: BatchQC | Batc | h ID: 534 | 434 | F | RunNo: 7 | 0102 | | | | |
| Prep Date: 6/30/2020 | | | | | | | Units: mg/k | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.025 | 1.000 | 0 | 113 | 80 | 120 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 107 | 80 | 120 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 108 | 80 | 120 | | | |
| Xylenes, Total | 3.2 | 0.10 | 3.000 | 0 | 108 | 80 | 120 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.52 | | 0.5000 | | 103 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.45 | | 0.5000 | | 89.6 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.50 | | 0.5000 | | 101 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.50 | | 0.5000 | | 101 | 70 | 130 | | | |

Qualifiers:

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

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Pima Environmental Services LLC

| Project: Aquila 22 | 2 Fed com | IH | | | | | | | | |
|--|--|---|---|--------------------------------------|---|--|--|--|---------------------------------------|------|
| Sample ID: 2006f22-018ams | Samp | Гуре: МS | 64 | Tes | Code: EF | PA Method | 8260B: Volat | iles Short | List | |
| Client ID: S-9, 1' | Batc | h ID: 534 | 434 | R | unNo: 70 | 0102 | | | | |
| Prep Date: 6/30/2020 | Analysis [| Date: 7/ | 4/2020 | S | eqNo: 24 | 435870 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.025 | 0.9960 | 0 | 115 | 71.1 | 115 | | | S |
| Toluene | 1.1 | 0.050 | 0.9960 | 0 | 108 | 79.6 | 132 | | | |
| Ethylbenzene | 1.1 | 0.050 | 0.9960 | 0 | 110 | 83.8 | 134 | | | |
| Xylenes, Total | 3.3 | 0.10 | 2.988 | 0 | 110 | 82.4 | 132 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.52 | | 0.4980 | | 103 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.43 | | 0.4980 | | 87.0 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.52 | | 0.4980 | | 104 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.50 | | 0.4980 | | 101 | 70 | 130 | | | |
| | | | | | | | | | | |
| Sample ID: 2006f22-018amsd | Samp | Гуре: МS | D4 | Tes | Code: EF | PA Method | 8260B: Volat | iles Short | List | |
| Sample ID: 2006f22-018amsd Client ID: S-9, 1' | | Гуре: МS h ID: 53 4 | | | Code: EF | | 8260B: Volat | iles Short | List | |
| • | | h ID: 534 | 434 | R | | 0102 | 8260B: Volat Units: mg/K | | List | |
| Client ID: S-9, 1' | Batc | h ID: 534 | 434 4/2020 | R | unNo: 70 | 0102 | | | List RPDLimit | Qual |
| Client ID: S-9, 1' Prep Date: 6/30/2020 | Batc Analysis [| h ID: 53 4 Date: 7 / | 434 4/2020 | R | unNo: 70 | 0102 435871 | Units: mg/K | g | | Qual |
| Client ID: S-9, 1' Prep Date: 6/30/2020 Analyte | Batc Analysis I Result | h ID: 53 4 Date: 7 / PQL | 434 4/2020 SPK value | R S SPK Ref Val | unNo: 7(eqNo: 24 %REC | 0102 435871 LowLimit | Units: mg/K HighLimit | g %RPD | RPDLimit | Qual |
| Client ID: S-9, 1' Prep Date: 6/30/2020 Analyte Benzene | Batc Analysis [Result 1.1 | h ID: 53 4 Date: 7 4 PQL 0.025 | 434 4/2020 SPK value 0.9862 | R SPK Ref Val 0 | unNo: 70 6eqNo: 24 %REC 112 | 0102 435871 LowLimit 71.1 | Units: mg/K HighLimit 115 | g <u>%RPD</u> 3.55 | RPDLimit 20 | Qual |
| Client ID: S-9, 1' Prep Date: 6/30/2020 Analyte Benzene Toluene | Batc Analysis I Result 1.1 1.0 | h ID: 53 4 Date: 7 4 PQL 0.025 0.049 | 434 4/2020 SPK value 0.9862 0.9862 | R S SPK Ref Val 0 0 | unNo: 7(eqNo: 24 %REC 112 106 | 0102 435871 LowLimit 71.1 79.6 | Units: mg/K HighLimit 115 132 | g %RPD 3.55 2.58 | RPDLimit 20 20 | Qual |
| Client ID: S-9, 1' Prep Date: 6/30/2020 Analyte Benzene Toluene Ethylbenzene | Analysis E Result 1.1 1.0 1.1 | h ID: 53 4 Date: 7 /4 <u>PQL</u> 0.025 0.049 0.049 | 434 4/2020 SPK value 0.9862 0.9862 0.9862 | R S SPK Ref Val 0 0 0 | eqNo: 70 ReqNo: 24 <u>%REC</u> 112 106 107 | 0102 435871 LowLimit 71.1 79.6 83.8 | Units: mg/K HighLimit 115 132 134 | g %RPD 3.55 2.58 2.97 | RPDLimit 20 20 20 | Qual |
| Client ID: S-9, 1' Prep Date: 6/30/2020 Analyte Benzene Toluene Ethylbenzene Xylenes, Total | Batc Analysis I Result 1.1 1.0 1.1 3.2 | h ID: 53 4 Date: 7 /4 <u>PQL</u> 0.025 0.049 0.049 | 434 4/2020 SPK value 0.9862 0.9862 0.9862 2.959 | R S SPK Ref Val 0 0 0 | eqNo: 70 %REC 112 106 107 109 | 2102 435871 LowLimit 71.1 79.6 83.8 82.4 | Units: mg/K HighLimit 115 132 134 132 | g %RPD 3.55 2.58 2.97 2.23 | RPDLimit 20 20 20 20 | Qual |
| Client ID: S-9, 1' Prep Date: 6/30/2020 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 1,2-Dichloroethane-d4 | Batc Analysis I Result 1.1 1.0 1.1 3.2 0.50 | h ID: 53 4 Date: 7 /4 <u>PQL</u> 0.025 0.049 0.049 | 434 4/2020 SPK value 0.9862 0.9862 0.9862 2.959 0.4931 | R S SPK Ref Val 0 0 0 | eqNo: 70 8 REC 112 106 107 109 101 | 0102 435871 LowLimit 71.1 79.6 83.8 82.4 70 | Units: mg/K HighLimit 115 132 134 132 130 | g %RPD 3.55 2.58 2.97 2.23 0 | RPDLimit 20 20 20 20 0 | Qual |

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| | vironmental Services LLC 2 Fed com 1H | |
|--|--|--|
| Sample ID: mb-53429 | SampType: MBLK | TestCode: EPA Method 8015D Mod: Gasoline Range |
| Client ID: PBS | Batch ID: 53429 | RunNo: 70086 |
| Prep Date: 6/30/2020 | Analysis Date: 7/3/2020 | SeqNo: 2435232 Units: mg/Kg |
| Analyte | Result PQL SPK value SPI | K Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Gasoline Range Organics (GRO) | ND 5.0 | |
| Surr: BFB | 490 500.0 | 99.0 70 130 |
| Sample ID: Ics-53429 | SampType: LCS | TestCode: EPA Method 8015D Mod: Gasoline Range |
| Client ID: LCSS | Batch ID: 53429 | RunNo: 70086 |
| Prep Date: 6/30/2020 | Analysis Date: 7/2/2020 | SeqNo: 2435233 Units: mg/Kg |
| Analyte | Result PQL SPK value SPI | K Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Gasoline Range Organics (GRO) | 23 5.0 25.00 | 0 93.0 70 130 |
| Surr: BFB | 490 500.0 | 98.2 70 130 |
| Sample ID: mb-53434 | SampType: MBLK | TestCode: EPA Method 8015D Mod: Gasoline Range |
| Client ID: PBS | Batch ID: 53434 | RunNo: 70102 |
| Prep Date: 6/30/2020 | Analysis Date: 7/3/2020 | SeqNo: 2435940 Units: mg/Kg |
| Analyte | Result PQL SPK value SPI | K Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Gasoline Range Organics (GRO) | ND 5.0 | |
| Surr: BFB | 500 500.0 | 99.8 70 130 |
| Sample ID: Ics-53434 | SampType: LCS | TestCode: EPA Method 8015D Mod: Gasoline Range |
| Client ID: LCSS | Batch ID: 53434 | RunNo: 70102 |
| Prep Date: 6/30/2020 | Analysis Date: 7/3/2020 | SeqNo: 2435941 Units: mg/Kg |
| Analyte | Result PQL SPK value SPI | |
| Basoline Range Organics (GRO) | 22 5.0 25.00 | 0 90.0 70 130 |
| Surr: BFB | 510 500.0 | 102 70 130 |
| Sample ID: 2006f22-019ams | SampType: MS | TestCode: EPA Method 8015D Mod: Gasoline Range |
| Client ID: S-9, 2' | Batch ID: 53434 | RunNo: 70102 |
| Prep Date: 6/30/2020 | Analysis Date: 7/4/2020 | SeqNo: 2435944 Units: mg/Kg |
| | - | |
| Analyte Gasoline Range Organics (GRO) | Result PQL SPK value SPI 20 5.0 24.98 | K Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0 79.2 70 130 |
| Surr: BFB | 480 499.5 | 96.2 70 130 |
| Sample ID: 2006122 0100000 | | TestCode: EDA Method 9015D Mode Capaling Dance |
| Sample ID: 2006f22-019amso | | TestCode: EPA Method 8015D Mod: Gasoline Range |
| Client ID: S-9, 2' | Batch ID: 53434 | |
| Prep Date: 6/30/2020 | Analysis Date: 7/4/2020 | SeqNo: 2435945 Units: mg/Kg |

Qualifiers:

Analyte

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range

SPK value SPK Ref Val %REC LowLimit

PQL

Result

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

Qual

RPDLimit

%RPD

HighLimit

2006F22

13-Jul-20

| Client: | Pima Env | | | | | | | | | | |
|-----------------|------------------|---------|------------------|-----------|-------------|-------------|-----------|------------|----------|----------|------|
| Project: | Aquila 22 | Fed com | 1H | | | | | | | | |
| Sample ID: | 2006f22-019amsd | SampT | ype: M \$ | SD | Tes | tCode: EF | PA Method | 8015D Mod: | Gasoline | Range | |
| Client ID: | S-9, 2' | Batch | ID: 53 | 434 | R | lunNo: 7 | 0102 | | | | |
| Prep Date: | 6/30/2020 | 4/2020 | S | eqNo: 24 | 135945 | Units: mg/K | ٤g | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range | e Organics (GRO) | 20 | 5.0 | 24.88 | 0 | 81.2 | 70 | 130 | 2.10 | 20 | |
| Surr: BFB 510 4 | | | | | | 102 | 70 | 130 | 0 | 0 | |

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 42 of 42

2006F22

13-Jul-20

| ANAL | RONMENTAL Ysis Ratory | Hall Environm TEL: 505-345- Website: clien | 490 Albuquerq 3975 FAX: | 1 Hawkins N ue, NM 871(505-345-41(| 79 Sa | mple Log-In Cl | neck List |
|---|--|--|-------------------------------|---|--------------|--|------------------|
| Client Name: | Pima Environmental Services LLC | Work Order Nun | nber: 2006 | 6F22 | | RcptNo: | 1 |
| Received By: | Scott Anderson | 6/30/2020 8:55:00 | AM | | | | |
| Completed By: | Juan Rojas | 6/30/2020 10:23:0 | 2 AM | | Guarda g | | |
| Reviewed By: | 517A 6.30.20 11:55 | | | | | | |
| Chain of Cus | stody | | | | | | |
| 1. Is Chain of C | Custody complete? | | Yes | | No 🗌 | Not Present | |
| 2. How was the | sample delivered? | | Cour | ier | | | |
| Log In | | | | | | | |
| the second se | npt made to cool the sampl | es? | Yes | | No 🗌 | | |
| 4. Were all sam | ples received at a temperal | ure of >0° C to 6.0°C | Yes | D Not Frozen | No 🔽 | | |
| 5. Sample(s) in | proper container(s)? | | Yes | | No 🗌 | | |
| 5. Sufficient san | nple volume for indicated te | st(s)? | Yes | ~ | No 🗌 | | |
| 7. Are samples | (except VOA and ONG) pro | perly preserved? | Yes | ~ | No 🗌 | | |
| 3. Was preserva | ative added to bottles? | | Yes | | No 🔽 | NA 🗌 | |
|). Received at le | east 1 vial with headspace · | <1/4" for AQ VOA? | Yes | | No 🗌 | NA 🔽 | |
| 0. Were any sar | mple containers received br | oken? | Yes | | No 🗹 | # of preserved bottles checked | GIRDIZ |
| A set the set of the set of the set of the | ork match bottle labels? ancies on chain of custody) | | Yes | ~ | No 🗌 | for pH: | 12 unless noted) |
| 2. Are matrices | correctly identified on Chair | of Custody? | Yes | ~ | No 🗌 | Adjusted? | |
| 3. Is it clear wha | t analyses were requested? | , | Yes | ~ | No 🗌 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | |
| | ing times able to be met? ustomer for authorization.) | | Yes | V | No 🗌 | Checked by: | |
| pecial Handl | ling (if applicable) | | | | | | |
| 5. Was client no | otified of all discrepancies w | ith this order? | Yes | | No 🗌 | NA 🗹 | |
| Person | Notified: | Date | | | | | |
| By Who | om: | Via: | eMa | il 🔲 Pho | ne 🗌 Fax | In Person | |
| Regard | ing: | | | | | | |
| Client I | nstructions: | | | | | | |

17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 4.9 | Good | | | | 1 |
| 2 | 8.6 | Good | | | | |
| 3 | 4.4 | Good | 1 | | | 1 |

Page 1 of 1

| Client: | Rime | n En | ntronumented | Turn-Around Standard Project Nam | ⊥ د d ⊡ Rush | la 22 Fed Com 1H of 7/2/2020 | | | | AN | | .YS | 519 | S L | AE | BOF | IEN RAT | |
|-----------------------------------|-------------------------|--------------------------|--|--|---|--|--------------|--------------------|-----------------|---|--------|--|------------|-----------------|---------------------------------|---------------|------------|----------------|
| 14ob Phone | #: | 160 New 575- | 1 N. Thurner Sters Maires 88740 631-6977 | Project #: | tres of 8 | 9-776120 CM | | | | wkins -345- | 3975 | | Fax | | 345- | W 871 4107 | 09 | 4/21/2021 11 |
| | Package | | <pre></pre> | Project Man Ch | ager: Vrš Jo | nes | 3's (8021) | | PCB's | .1) 8270SIMS | | PO4, SO4 | | | nt/Absent) | | | 200220 AM |
| | | □ Az Co □ Othe | ompliance r | On Ice: # of Coolers | Robert G BYes : 3 Q(including CF): 5 | $ \frac{1}{2} 1$ | MTBE / TMB's | TPH:8015D(GR0 / DF | Pesticides/8082 | EUB (Method 504.1) PAHs by 8310 or 827 | 0 | F, Br, NO ₃ , NO ₂ , | (AO) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | locide | | |
| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | 2006F22 | BTEX / | TPH:80 | | EUB (N PAHs h | RCRA 8 | CI, F, E | 8260 (VOA) | 8270 (S | Total C | Sh. | _ | |
| 126/20 | 9:00 | | S-5, 0"-6" 5-5, 11 | Glass | ICE | -001 | X | X | - | - | - | | | | | X | | + |
| | 9:04 | | 5512 | | | -002 | 1 | 1 | - | - | - | | | | | + | | + |
| | 9:06 | | 5-5,31 | | | -004 | | 1 | | | | | | | | | | |
| | 9:08 | | 5-6 1 6"-6" | | | -005 | | | | | | | | | 6 | | | |
| | 9:10 | | 5.6,1' | | | -006 | | | | | | | | | | | | |
| | 9:12 | | 5-6,21 | | | -007 | | 4 | | | | | | | | | | _ |
| | 9:14 | | 56, 3' | | | -008 | | | | | | | _ | | | 1 | | _ |
| | 9:16 | | 5-7-0"-6" | | | -009 | | | - | - | 7 | | _ | | _ | + | _ | _ |
| | 9-18 | | 57,7 | | | -010 | | + | - | - | - | | _ | - | | + | | + |
| | 9.20 | | 5-7.3 | L | | -011 | 1 | 1 | - | - | - | | | | | 1 | | - |
| Date: 424/30 Date: 24/20 | Time: 12:00 Time: | Relinquist Relinquist | things | Received by: UUUMM Received by: SPA | Via: Vie: Via: | | Rem | narks: | | | 1 | | | | | | | Page 80 of |

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If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

| Client: | Pima | En | viromental | | t Nam | e: | | | | | A | N | AL | YS | 519 | | A | во | | | AL |
|---------|------------------|----------------------------|-----------------------------|--|---------|-------------------|---|-----------|---------------|-----------------|-------------|--------------|----------------------|--------------------------|------------|-----------------|---------------------------------|------|------|---|-----|
| Mailing | Address | s: 1601 | N. Turner Ste, Soc | 0 | 1- | Intarc | 5 | | 49 | 01 H | lawk | ins N | IE - | Alb | ouqu | erau | e. N | M 87 | 7109 | | |
| Hobk | 3. N. | and a second second second | 88240 | Projec | ct #: | 07 | | | | | 05-34 | | | | 8.191 | | | -410 | | | |
| | | | 1-6977 | | | 8 | | | | | | 11 | A | | - | Req | | | | | n B |
| email o | or Fax#: | Chri | s @ pirmapilicom | | ct Mana | | | 1) | (0) | | | - | | SO4 | | | int) | | | | |
| QA/QC | Package ndard | : | □ Level 4 (Full Validation) | | Chi | ris Jon | res | 's (8021) | (O / MRO) | PCB's | | 8270SIMS | | PO4, | | | Total Coliform (Present/Absent) | | | | |
| Accred | itation: | 🗆 Az Co | ompliance | Samp | ler: | Robert C. | w Der | TMB's | / DRO | 082 | ÷. | 827 | | NO ₂ , | | | eser | e | | | |
| | | □ Othe | r | On Ice | | A Yes | [′] □ No | - | RO | Pesticides/8082 | 504.1) | ы | s | 1 Sec. 11 | 2 | 8270 (Semi-VOA) | Pr | 10 | | | |
| |) (Type) | T | 1 | and the second s | oolers: | | 9 419 16-0=80 (°C) | MTBE | TPH:8015D(GRO | ticid | EDB (Method | PAHs by 8310 | RCRA 8 Metals | F, Br, NO ₃ , | (A) | ni-V | form | 101 | | | |
| (I) | 10.1 | | | | i romp | (including CP). C | | - | 3015 | Pes | (Met | by . | A 8 A | Br, | 8260 (VOA) | (Ser | Coli | 4 | i. | | |
| Data | Time | Matrix | Sample Name | Conta | | Preservativ | | BTEX | PH: | 8081 | DB | AHS | CR | CI, F, | 260 | 270 | otal | U | | | |
| Date | | Watrix | 5-8 0"-6" | | and # | Туре | 7006F2Z | | 1 | 8 | ш | <u> </u> | <u>Ir</u> | 0 | 8 | 80 | F | | | - | + |
| oppo | 9:24 | | | 61 | 9.55 | Fre | -013 | 1- | 4 | | - | | _ | - | - | _ | | × | - | | |
| | 9:26 | - | 5-8 2' | - | (| | -014 | ++- | \rightarrow | - | | - | - | | - | - | - | | | | |
| | - | | | - | | | -015 | ++ | | | -1 | - | - | - | | | - | | - | | ++ |
| | 9:30 | | 5-8, 3' | | | | -016 | | | | | _ | _ | | - | | _ | - | _ | | + |
| | 9:32 | | S-9 0"-6" | _ | | | -017 | | | _ | | - | _ | - | 1 | | | | | | ++ |
| | 9:34 | | 5-9; 1' | | | | -018 | 11 | | | | | _ | | | | | | | | |
| | 9-36 | - | 5-9,2 | | | | -019 | ++ | | | | _ | | _ | | | | | | | ++ |
| | 9:38 | | 5-9,31 | | | | -020 | | | | | | | | | | | | | _ | |
| | 9:40 | | 5-10,0"-B" | | | | -021 | | | | | | | | | | | 1 | | | |
| | 9:42 | 1 | 5-10,1' | | | | -022 | | | | | | | | | | | | | | |
| | 9:44 | 1 | S-10, 2' | | | | -023 | 1 | | | | | | | | | | 1 | - | | |
| 1 | 9:46 | | 5-10,31 | 2 | L | 2 | -024 | 1 | L | | | | | | | | | 2 | | | |
| Date: | Time: | Relinquist | It lin | Receive | unn | Via: | 12 Date Time | Rer | nark | S: | | | | | | | | | | | (|
| Date: | Time: | Relinquist | ned by: | Receive | | Via: 🛇 | Date Time | | | | | | | | | | | | | | 0 |
| 19/10 | 120 | INV | | SP | | | 6.3020 8:55 pries. This serves as notice of th | | _ | | | | | _ | | _ | | | _ | | |

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If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

| Client: | Pima | Env | vironmetal | Ø | Around Standard ect Nam | d e: | Rust | 5 day Trem | | | | A | N | AL | YS | 519 | 5 L | 207.1 | 30 | | | |
|---------------------------|------------------------|------------|--|-----------------|---|-----------------|----------------|---------------------------|--------------|---------------|-----------------|-------------|--------------|----------------------|-----------------------|------------|-----------------|---------------------------------|------|-----|---|-----|
| Mailing | Address | 5:1601 | N. Turner Ste, 500 | | Avi | tare | es | | | 49 | 01 H | lawk | ins M | NE - | Alt | ouqu | erqu | e, N | M 87 | 109 | | |
| Hobb | s, N | M 8 | 8240 | Proj | ect #: | 201 | 0 | | | т | el. 50 | 05-34 | 15-3 | 975 | 1 | -ax | 505- | -345 | -410 | 7 | | |
| | | | 1.6977 | | _ | | Z | | 8 | | | | | A | naly | /sis | Req | uest | t | I. | | |
| | | | Epima oilicom | Proj | ect Mana | ager: | | | = | Ô | | | 1 | | SO4 | | | int) | 17 | | | |
| QA/QC I | Package Idard | | Level 4 (Full Validation) | | Ch | ivis | Jou | -5 | TMB's (8021) | DRO / MRO) | PCB's | | 8270SIMS | | PO4, | | | ht/Abse | | | | |
| | | | ompliance | Sam | pler: K | Pobe | | | IMB | - | 0 | ÷. | 827(| | NO_2 , | | | eser | | | | |
| | | □ Othe | r | On I | The set of | B Y | | [™] □ No | - | RO | Pesticides/8082 | 504.1) | Oor | S | | | (AO | (Pr | V | | | |
| | (Type) | 1 | 1 | - | Coolers: ler Temp | | 3 43 | 41 4-9 6-0-0= 8-6 (°C) | MTBE | 0)0 | ticid | bod | 831(| Aeta | Br, NO ₃ , | (A) | ni-V | form | 112 | | | |
| Date | Time | Matrix | Sample Name | Con | tainer e and # | Pres | رم ervative | 4 4.4 | BTEX / N | TPH:8015D(GRO | 8081 Pes | EDB (Method | PAHs by 8310 | RCRA 8 Metals | CI, F, Br, | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | Chlo | | | |
| 120/20 | | | B6-1 | _ | lass | | ee | -015 | X | K | ~ | | - | | 0 | | | - | K | | - | ++ |
| 1 | 9:50 | | 66-2 | | 1 | -1 | 1 | -026 | 1 | 1 | | | | | | 1.1.1 | 0.11 | | T | - | | ++ |
| | 9:52 | | B6-3 | | 1 | | [| -077 | 1 | 1 | 1 | | | | | | | | + | | - | ++ |
| | 9:94 | - | 5-1-C-5 | | 1 | | 1 | -028 | + | + | - | - | | | - | | | | 1 | - | | ++ |
| | 9:56 | | 5-2-C-W | | | | 19-10 | -029 | 1 | + | | | | | - | | | | + | | - | ++ |
| | 9:58 | | 5-3-C-N | | | | | -030 | 1 | + | | | | | | | 1 | | 1 | - | - | |
| | 10:00 | | 5-4-C- F | | | | | -031 | | | | | | | - | - | | - | 1 | | + | ++ |
| | 10:02 | | B-1,0-2' | | | | 3 | -032 | + | + | | | | | | | | | 1 | | + | ++ |
| | 10:04 | | B-2, 0-1' | | | | | -033 | + | + | | | | | | | | | 1 | - | - | ++- |
| 1 | 10:06 | | B-2, 41 | - | 1 | 12 | - | -034 | 1 | + | | | | | | | | 1 | - | | - | ++ |
| | / | | | | | | | · /-1 | | | | | | | | | | | | | + | |
| 1 | | | | | 0.7 | | | | 1 | | | | | | | | | | | | - | |
| Date: 9/24/20 Date: | Time: リン・の Time: | Relinquist | Wt Gr | Cu | ved by: | Via M Via | ing | Date Time | Ren | nark | s: | | | | | | | | | | | |
| 24/20 | [91) | M | bmitted to Hall Environmental may be sub | \triangleleft | PA (| Cour | ziez | 6.30.20 8:55 | - | | | | | | | | | | | | | |



April 05, 2021

Tom Bynum Pima Environmental Services LLC 1601 N. Turner Ste 500 Hobbs, NM 88240 TEL: (575) 631-6977 FAX:

RE: Aquila 22 Fed Com 1H

OrderNo.: 2103D40

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Tom Bynum:

Hall Environmental Analysis Laboratory received 4 sample(s) on 3/30/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2103D40

Date Reported: 4/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S-1 **Project:** Aquila 22 Fed Com 1H Collection Date: 3/24/2021 11:00:00 AM Lab ID: 2103D40-001 Matrix: SOIL Received Date: 3/30/2021 7:35:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed** EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: mb Diesel Range Organics (DRO) ND 9.8 mg/Kg 1 4/2/2021 9:14:08 PM Motor Oil Range Organics (MRO) 4/2/2021 9:14:08 PM 60 49 mg/Kg 1 Surr: DNOP 82.1 70-130 %Rec 1 4/2/2021 9:14:08 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4/4/2021 7:39:14 PM 4.9 mg/Kg 1 Surr: BFB 99.5 70-130 %Rec 1 4/4/2021 7:39:14 PM **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride 4/4/2021 11:57:22 AM 110 60 mg/Kg 20

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 7

Analytical Report Lab Order 2103D40

Date Reported: 4/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC **Client Sample ID: S-2 Project:** Aquila 22 Fed Com 1H Collection Date: 3/24/2021 11:05:00 AM Lab ID: 2103D40-002 Matrix: SOIL Received Date: 3/30/2021 7:35:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: mb Diesel Range Organics (DRO) ND 9.4 mg/Kg 1 4/2/2021 7:53:49 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 4/2/2021 7:53:49 PM Surr: DNOP 81.4 70-130 %Rec 1 4/2/2021 7:53:49 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4/4/2021 8:02:41 PM 4.8 mg/Kg 1 Surr: BFB 101 70-130 %Rec 1 4/4/2021 8:02:41 PM **EPA METHOD 300.0: ANIONS** Analyst: VP Chloride ND 4/4/2021 12:09:46 PM 60 mg/Kg 20

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

Qualifiers:

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

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 2 of 7

Project:

Lab ID:

Analytical Report Lab Order 2103D40

Date Reported: 4/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Aquila 22 Fed Com 1H

2103D40-003

Client Sample ID: BG-1 Collection Date: 3/24/2021 11:10:00 AM Received Date: 3/30/2021 7:35:00 AM Matrix: SOIL

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|---------|--------|----------|----|----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OF | RGANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 9.0 | mg/Kg | 1 | 4/2/2021 5:54:36 PM |
| Motor Oil Range Organics (MRO) | ND | 45 | mg/Kg | 1 | 4/2/2021 5:54:36 PM |
| Surr: DNOP | 90.2 | 70-130 | %Rec | 1 | 4/2/2021 5:54:36 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 24 | mg/Kg | 5 | 4/4/2021 8:26:14 PM |
| Surr: BFB | 99.8 | 70-130 | %Rec | 5 | 4/4/2021 8:26:14 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: VP |
| Chloride | ND | 60 | mg/Kg | 20 | 4/4/2021 12:22:10 PM |

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

Qualifiers:

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

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 3 of 7

Project:

Lab ID:

Analytical Report Lab Order 2103D40

Date Reported: 4/5/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Aquila 22 Fed Com 1H

2103D40-004

Client Sample ID: BG-2 Collection Date: 3/24/2021 11:15:00 AM Matrix: SOIL Received Date: 3/30/2021 7:35:00 AM

| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
|------------------------------------|----------|--------|----------|----|----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE O | ORGANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 9.6 | mg/Kg | 1 | 4/2/2021 6:07:39 PM |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 4/2/2021 6:07:39 PM |
| Surr: DNOP | 90.8 | 70-130 | %Rec | 1 | 4/2/2021 6:07:39 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 25 | mg/Kg | 5 | 4/4/2021 8:50:00 PM |
| Surr: BFB | 98.7 | 70-130 | %Rec | 5 | 4/4/2021 8:50:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: VP |
| Chloride | ND | 60 | mg/Kg | 20 | 4/4/2021 12:34:36 PM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL

Practical Quanitative Limit % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 4 of 7

| Client: Project: | | Environmental a 22 Fed Com | | es LLC | | | | | | | |
|---------------------|----------|-------------------------------|----------------|-----------|-------------|------------------|-----------|--------------------|------|----------|------|
| Sample ID: MI | B-59192 | SampTy | /pe: ME | BLK | Tes | tCode: EF | PA Method | 300.0: Anion | s | | |
| Client ID: PE | BS | Batch | ID: 59 | 192 | F | RunNo: 76 | 6440 | | | | |
| Prep Date: 4 | 4/4/2021 | Analysis Da | ate: 4/ | 4/2021 | S | SeqNo: 27 | 707615 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND | 1.5 | | | | | | | | |
| Sample ID: LC | CS-59192 | SampTy | /pe: LC | S | Tes | tCode: EF | PA Method | 300.0: Anion | s | | |
| Client ID: LC | css | Batch | ID: 59 | 192 | F | RunNo: 76 | 6440 | | | | |
| Prep Date: 4 | 1/4/2021 | Analysis Da | ate: 4/ | 4/2021 | S | SeqNo: 27 | 707616 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 14 | 1.5 | 15.00 | 0 | 94.3 | 90 | 110 | | | |

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2103D40

05-Apr-21

| | vironmenta 2 Fed Com | | xes LLC | | | | | | | |
|--------------------------------|-------------------------|-------------------|-----------|-------------|-----------|-----------|--------------|------------|------------|------|
| Sample ID: MB-59133 | Samp ⁻ | Гуре: МЕ | BLK | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: PBS | Batc | h ID: 59 ° | 133 | F | RunNo: 70 | 6411 | | | | |
| Prep Date: 4/1/2021 | Analysis [| Date: 4/ | 2/2021 | 5 | SeqNo: 27 | 707609 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.6 | | 10.00 | | 95.8 | 70 | 130 | | | |
| Sample ID: LCS-59133 | Samp | Гуре: LC | S | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: LCSS | Batc | h ID: 59 ° | 133 | F | RunNo: 7 | 6411 | | | | |
| Prep Date: 4/1/2021 | Analysis [| Date: 4/ | 2/2021 | 5 | SeqNo: 27 | 707610 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 53 | 10 | 50.00 | 0 | 106 | 68.9 | 141 | | | |
| Surr: DNOP | 4.7 | | 5.000 | | 94.6 | 70 | 130 | | | |

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 7

2103D40

05-Apr-21

Client:

Project:

Analyte Surr: BFB

Analyte Surr: BFB

Analyte Surr: BFB

Sample ID: mb-59076 Client ID: PBS Prep Date: 3/30/2021

Sample ID: Ics-59076 Client ID: LCSS Prep Date:

Sample ID: mb-59086 Client ID: PBS Prep Date: 3/30/2021

3/30/2021

QC SUMMARY REPORT Hall Environmenta

| | Y REPOR | _ | ory, Inc. | | | | | WO#: | 2103D40 05-Apr-21 |
|------|---------------------------------------|-------------|-------------|----------|-----------|-------------|-----------|----------|----------------------|
| | Environmental Serv a 22 Fed Com 1H | vices LLC | | | | | | | |
| 076 | SampType: I | MBLK | Test | Code: El | PA Method | 8015D: Gaso | line Rang | e | |
| | Batch ID: | 59076 | R | unNo: 7 | 6428 | | | | |
| 2021 | Analysis Date: | 4/3/2021 | S | eqNo: 2 | 707085 | Units: %Rec | ; | | |
| | Result PQI | _ SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| | 990 | 1000 | | 99.3 | 70 | 130 | | | |
| 076 | SampType: I | LCS | Test | Code: El | PA Method | 8015D: Gaso | line Rang | e | |
| | Batch ID: | 59076 | R | unNo: 7 | 6428 | | | | |
| 2021 | Analysis Date: | 4/3/2021 | S | eqNo: 2 | 707086 | Units: %Rec | ; | | |
| | Result PQI | _ SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| | 1100 | 1000 | | 111 | 70 | 130 | | | |
| 086 | SampType: I | MBLK | Test | Code: El | PA Method | 8015D: Gaso | line Rang | е | |
| | Batch ID: | 59086 | R | unNo: 7 | 6428 | | | | |
| 2021 | Analysis Date: | 4/3/2021 | S | eqNo: 2 | 707109 | Units: %Rec | ; | | |
| | Result PQI | _ SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| | 1000 | 1000 | | 101 | 70 | 130 | | | |
| 086 | SampType: I | LCS | Test | Code: El | PA Method | 8015D: Gaso | line Rang | e | |
| | Batch ID: | 39086 | R | unNo 7 | 6428 | | | | |

| Sample ID: Ics-59086 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|----------------------|-------------------------|--|-------------------|------------------|--|--|--|--|--|
| Client ID: LCSS | Batch ID: 59086 | RunNo: 76428 | | | | | | | |
| Prep Date: 3/30/2021 | Analysis Date: 4/3/2021 | SeqNo: 2707110 | Units: %Rec | | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %R | PD RPDLimit Qual | | | | | |
| Surr: BFB | 1100 1000 | 110 70 | 130 | | | | | | |
| Sample ID: mb-59093 | SampType: MBLK | TestCode: EPA Method | 8015D: Gasoline F | Range | | | | | |
| Client ID: PBS | Batch ID: 59093 | 3 RunNo: 76428 | | | | | | | |

| Prep Date: 3/31/2021 | Analysis D | ate: 4/ | 4/2021 | S | SeqNo: 2 | 707133 | Units: mg/K | 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 | | 99.6 | 70 | 130 | | | | | | | | |
| Sample ID: Ics-59093 | SampT | ype: LC | S | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | | | | | | |
| Client ID: LCSS | Batch | n ID: 59 | 093 | F | RunNo: 7 | 6428 | | | | | | | | | |
| Prep Date: 3/31/2021 | Analysis D | ate: 4/ | 4/2021 | S | SeqNo: 2 | 707134 | Units: mg/K | ſg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | | | |
| | | | | | | | | | | | | | | | |

Qualifiers:

Surr: BFB

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

в Analyte detected in the associated Method Blank

110

70

130

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

1100

1000

| Page | 91 | 0 | f 93 |
|------|-----------|---|------|
| | | | |

.

| ANALY | ONMENT | | TE | ll Environme L: 505-345-3 'ebsite: client | 490 Albuquerq 1975 FAX: | 11 Hawkin ue, NM 8 505-345- | ns NE 17109 S 4107 | an | heck List | Pag | |
|--|---------------------------|-----------------|-----------------|---|-------------------------------|-----------------------------------|--------------------------|-----|--|-----------------|----|
| | Pima Envir Services Ll | | Work | Order Num | ber: 210 | 3D40 | | | RcptNo: | 1 | |
| Received By: | Juan Roja | is | 3/30/20 | 21 7:35:00 | АМ | | Henne | D | | | |
| Completed By: | Sean Livi | ngston | 3/30/20 | 21 8:37:51 | AM | | < | 1 | | | |
| Reviewed By: | 723 | 130/21 | | | | | | -01 | John | | |
| Chain of Cust | ody | | | | | | | | | | |
| 1. Is Chain of Cu | stody comp | lete? | | | Yes | ~ | No | | Not Present | | |
| 2. How was the s | ample deliv | ered? | | | Cou | rier | | | | | |
| Log In | | | | | | | | | | | |
| 3. Was an attemp | ot made to c | cool the sample | es? | | Yes | | No | | | | |
| 4. Were all sample | es received | at a temperat | ure of >0° C | to 6.0°C | Yes | | No | | | | |
| 5. Sample(s) in pr | oper contai | iner(s)? | | | Yes | ~ | No [| | | | |
| 6, Sufficient samp | | | | | Yes | | No [| | | | |
| 7. Are samples (e: | xcept VOA | and ONG) pro | perly preserve | ed? | Yes | \checkmark | No [| | | | |
| 8. Was preservativ | ve added to | bottles? | | | Yes | | No 🛛 | | NA 🗌 | | |
| 9. Received at lea | st 1 vial with | h headspace < | 1/4" for AQ V | 'OA? | Yes | | No [| | NA 🔽 | T |) |
| 10. Were any sam | ole containe | ers received br | oken? | | Yes | | No | ~ | - | -10 | 1 |
| 11. Does paperworl | k match bot | tle labels? | | | Yes | V | No [|] | # of preserved bottles checked for pH: | 333 | 51 |
| (Note discrepan | | | | | | | | | | >12 unless note | d) |
| 12. Are matrices co | | | | | | \checkmark | No | | Adjusted? | | |
| 13. Is it clear what a | | | | | | | 1000 | | | | |
| 14. Were all holding (If no, notify cus | | | | | Yes | | No | | Checked by: | _ | 1 |
| Special Handlin | ng (if app | licable) | | | | | | | | | |
| 15. Was client noti | And the second second | | ith this order? | | Yes | | No | | NA 🗹 | | |
| Person N | lotified: | | | Date | - | | | - | | | |
| By Whon | n: | | | Via: | 🗌 eMa | ail 🗌 F | hone | Fax | In Person | | |
| Regardin | g: | | | | | | | - | | | |
| Client Ins | tructions: | | | | | | | | | | |
| 16. Additional rem | arks: | | | | | | | | | | |
| 17. Cooler Inform | ation | | | | | | | | | | |
| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal D | ate | Signed B | у | | | |
| 1 | 1.2 | Good | | | | | | | | | |
| | 0.5 | Good | | | | - | | | | | |
| 3 | 0.9 | Good | | | | | | | | | |

Page 1 of 1

| 2 | - | | Standar | d ⊡ Rush | 5 day | | | | A | N | AL | YS | SIS | 5 L | A | 30 | | | |
|--------------------------|--|---|---|--|--|--|--|--|--|--|--|---|--|---|--|--|---|---|---|
| 11 /1 | 1601 | A CONTRACT OF A | | | | | | | lawki | ns N | 1E - | Alb | ouqu | erqu | e, N | M 87 | | | |
| | | | -0 | | 696 | | | | | 8 | A | | /sis | Req | uest | 1 | | 1 | |
| Package | | | | - | UJM | 3's (8021) | RO / MRO) | PCB's | | OSIMS | | PO4, | | | nt/Absent) | | | | |
| AC | | | | and the state of t | | BE / | - | icides/8082 | hod 504.1) | | 1etals | NO ₃ , | ۹) | ni-VOA) | orm (Prese | ide | | | |
| Time | Matrix | Sample Name | Cooler Tem Container Type and # | | | BTEX / M | TPH:8015 | 8081 Pest | EDB (Meti | PAHs by 8 | RCRA 8 M | Cl, F, Br, | 8260 (VO/ | 8270 (Sen | Total Colif | Chilar | | | |
| 11:00 | | 5-1 | Glass | Ice | 100 | × | + | | | | | | | | | × | 56 | | |
| 11:05 | 1 | 5-2 | GASS | Fre | 200 | + | t | | | | | | | | | × | | | |
| 11:00 | 2-1 | BG-1 | Glass | Fee | 003 | + | × | | | | | | 121 | (\pm) | \mathbb{C} (| × | | | |
| 11:15 | | BG-2 | Glass | Tie | 004 | × | 7 | | | | | | | | | × | | _ | |
| | | | | | | | | | | | _ | | | | | | | | |
| | | | | | | | | | | _ | | | | | | | | | |
| Time: If Coo Time: | -7 | - Sym | Received by | Via: Via: | Date Time 3/24/21 1400 Date Time | Ren | narks R | s: | | 10 | | | 1 | | (:2- 0-5 0. | -0 = -0 = 9-0 | 1.2 | 7 | |
| | Pinno Address In Address In Address In Fax#: Package: In Fax#: Package: In Fax#: Package: In Fax#: Package: In Fax#: In Fax#: In Fax#: In Fax#: II: 00 II: 00 | Pime Fail Address: 1601 $1056t$ 100 $4: 575 - 90$ pr Fax#: $70m$ Package: 1000 ndard 1100 litation: $1 Az Color aC 0 Other D (Type) 1100 Time Matrix 11:00 11:05$ | Time Family for the second secon | Prime Fauscement of Standar Project Name Project Name Project Name Project #: #: $575 - 964 - 7740$ Project Mame Project Mame Project Mame Package: Image: On Ice: ndard Level 4 (Full Validation) Itation: Az Compliance AC Other On Ice: On Ice: O(Type) # of Coolers Time Matrix Sample Name Type and # II'or S-2 G/stsr G/stsr II'or BG-2 G/stsr G/stsr II'or BG-2 II'or BG-2 II'or Image: One of the of | Prime Familie Project Name: Project Name: Project Name: $A Quila 22$ $A ddress:$ $A Quila 22$ $A bbt M gg240 Project Name: A Quila 22 A bbt M gg240 Project Name: A Quila 22 A gg240 Project #: #: 575-964-7740 WBS 20715 pr Fax#: Toka (Q pinne 0:1), com Project Manager: Package: ndard Level 4 (Full Validation) A Z Compliance Sampler: On Ice: AC Other On Ice: Preservative D (Type) # of Coolers: \Im Cooler Temponduding CP: Spec I':or S-2 G/kir F Ece $ | Firm Francisco US (COU) Standard Rush Project Name: Project Name: Project Name: A Quilk 22 Fed Coven 1 H Indefess: Image: Standard Project Name: Indefess: Image: Standard Project Name: Indefess: Image: Standard Project Name: Indefess: Image: Standard Project H: Itation: Image: Standard Image: Project Manager: Package: Image: On Ice: Preservative AC Other On Ice: Preservative Itation: Image: Accompliance Sampler: Ocolers: 3 Cooler Temproduting: Ch:: See Reprove KS (°C) Container Time Matrix Sample Name Type and # Type If the BG-1 G/Assr Image: Old Old If the BG-2 G/assr Image: Old Old If the BG-2 G/assr Image: Old Image: Old | Prime Function Standard Rush Project Name: Project Name: Project Name: Project Name: Project Name: AQUIA 22 Fed. Con. 1 H Project Name: Project #: #: 575-964-7740 WRS 20715696 or Fax#: Toks (D) Project Anager: Project Manager: Package: On los: Project Manager: Package: On los: Preservative Other On los: Preservative Project Temponeturing OP: See Reverse KS (*C) No Project Sand# Cooler Temponeturing OP: See Reverse KS (*C) Project Sand# Cooler Temponeturing OP: See Reverse KS (*C) Project Sand# Cooler Temponeturing OP: See Reverse KS (*C) Project Sand# Project Reverse HEAL No. Project Sand# Cooler Temponeturing OP: See Reverse KS (*C) Project Sand# Project Reverse HEAL No. Project Sand# Sand# Project Sand# Sand# Project Reverse Project Sand# Project Namager: Project Name Sand# Project Reverse Project Reverse Project Namager: Project Namager: Project Reverse Project Rev | Print Forward (St Standard Rush Project Name: Project Name: Project Name: Address: //////////////////////////////////// | $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | Contained of course of the | Address: Jeff M. Turner Stress: A goil & 22 Frd. Com. 1 H JAddress: Jeff M. Turner Stress: A goil & 22 Frd. Com. 1 H Jaddress: Jeff M. Turner Stress: A goil & 22 Frd. Com. 1 H Jaddress: Jeff M. Turner Stress: A goil & 22 Frd. Com. 1 H Jaddress: Jeff M. Turner Stress: A goil & 22 Frd. Com. 1 H Jaddress: Jeff M. Turner Stress: A goil & 22 Frd. Com. 1 H Jaddress: Jeff M. Turner Stress: Jeff M. Turner Stress: Jor Faxt: Tom. Øjl. Com. Project Manager: Peckage: Marine Jor M. By NUM Itation: Lavel 4 (Full Validation) Jor M. By NUM Itation: A zoompliance Sampler: AC Other On loc: Preservative Time Matrix Sample Name Type and # Type ZiO 202 If ao B G-2 Glass Goil stress Ool 4 Image: If ao B G-2 Glass File Ool 4 Image: If ao B G-2 Glass File Ool 4 Image: If ao B G-2 Glass | Address: Jente Standard Rush Rush HALL Address: Jente Adving 32 Fred Cons H JAddress: Jente Standard Rush HALL Jaddress: Jente Maure Standard Rush Jaddress: Jente Maure Standard Health Jaddress: Jente Maure Project #: Health Halth Jaddress: Jente Markins Be Jente Health Health Jaddress: Jente Markins Be Jente Health Health Health Jaddress: Jente Jente Health < | Antimionic distribution Standard Rush Standard Rush HALL Et Project Name: Project Name: Allouith 32 Fed Coven 1 H Project Name: Www.hallenv Moddes: MM Standard Project Name: Mouith 32 Fed Coven 1 H Project Name: Pr | Antimoleculation Standard Bays Project Name: Project Name: Www.hallenviron Address: I/An Turver ST 500 A Quila 32 Frd. Cov. 14 Address: I/An St 3440 Project Name: Www.hallenviron Address: I/An St 3440 Project H: Tel. 505-345-3975 Fax Market Total Devel 4 (Full Validation) Project Manager: If the second seco | Andress All Interviewent & All Interviewent | Andless Isol Projection Standard Rush Standard Rush Hall Environ Analysis Late Address: Isol M.Turare STe 500 A Quila 32 Fed Count 14 Www.hallenvironmental.com Address: Isol M.Turare STe 500 A Quila 32 Fed Count 14 Www.hallenvironmental.com Address: Isol M.Turare STe 500 A Quila 32 Fed Count 14 Www.hallenvironmental.com Modelst MM Standard Project Manager. Fastil: Totr. Q. Proscol.l.com Project Manager. Package: Inder On Tex: Project Manager. Standard Standard Standard.com OType) # of Coolers: 3 Standard Ture Matrix Sampler: Standard Standard.com Standard.com Time Matrix Sample Name Container Preservative HEAL No. Standard.com Standa | Andress Address: Address: Address: Advina 2 Frid Concentration Indet Mm Standard Rush Project Name: Advina 22 Frid Concentration Www.hallenvironmentat.com Indet Mm Standard Project Name: Advina 22 Frid Concentration Indet Mm Standard Project Name: Advina 22 Frid Concentration Indet Mm Standard Project Name: Movina 22 Frid Concentration Indet Mm Standard Project Manager: Indet Standard Indet Standard Package: Indet Confer Project Manager: Indet Standard Indet Standard Package: Indet Confer Indet Standard Indet Standard Indet Standard Italiation: Az Compliance Sampler: Indet Standard Indet Standard Indet Standard Italiation: Az Compliance Sampler: Indet Standard Indet Standard Indet Standard Italiation: Az Compliance Sampler: Indet Standard Indet Standard Indet Standard Italiation: Az Compliance Sampler: Indet Standard Indet Standard Indet Standard Italiation: Indet Standard Indet Standard Indet Standard | Antimionic Construction Restandard Rush Hall Environmental.com Project Name: A Quilk 32 Fed Con 1 H www.hallenvironmental.com JAddress: JADD Turren Stresser A Quilk 32 Fed Con 1 H Jaber MM Sk 3440 Project Rame: www.hallenvironmental.com Jaber MM Sk 3440 Project #: 16 505-345-3975 Fax Son 345-4107 Tr Faxit: Totor D Janu Orl Corr Project #: 100 W 108 State 100 V State 100 V Package: Mark Totor D Janu Orl Corr Project Templeading cr: 100 W 108 State 100 V State 100 V Mark Sample Name Sampler: 00 V 00 V 108 State 100 V 100 V 100 V Mire Sample Name Type and # Type 203040 4 V 100 V 100 V 100 V Mire Sample Name Type and # Type 001 V 100 V Mire Sample Name Type and # Type 203040 100 V 100 V | Drammon-Or-Outstouty Record gx Standard Rush Rime Freezemental gx Standard Rush Project Name: www.hallenvironmental.com Waddress: ILDI MTurker Stresson A Quith 22 Frd. Com. 1 H Project Name: Project #. Wath Sterving Project #. Wath Sterving Project Manage: Package: Ontice: Offproj # of Coolers: 3 Cooler Tempinoware.ch: See Ulterwy FS (Cool Time Matrix Sample Name Type and # Type Type and # Type Qool Miles SG-1 GAstri Field Gastri Field Miles SG-2 GAstri Field Gastri Field Miles SG-2 Gastri Field Gastri Field Matrix Sample Name Type and # Type Time Matrix Sample Name Type and # Type Qool Miles SG-2 Gastri |

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 |
|------------|
|------------|

| Operator: | OGRID: |
|----------------------------------|---|
| Pima Environmental Services, LLC | 329999 |
| 1601 N. Turner | Action Number: |
| Hobbs, NM 88240 | 24960 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| chensley | None | 6/16/2021 |

CONDITIONS

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Action 24960