

April 19th, 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 Beetlejuice 19 Federal #003H API No. 30-015-39321 GPS: Latitude 32.65251 Longitude -103.91257 UL "C", Sec. 19, T19S, R31E Eddy County, NM NMOCD Ref. No. NAB1734038480 (2RP-4511)

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 a fire/produced water release that occurred at the Beetlejuice 19 Fed #3H (Beetlejuice). The initial C-141 was submitted on December 1st, 2017 (Appendix C). This incident was assigned Incident ID NAB1734038480 (2RP-4511), by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Beetlejuice is located approximately twenty-four (24) miles northeast of Carlsbad, NM. This spill site is in Unit C, Section 19, Township 19S, Range 31E, Latitude 32.65251, Longitude -103.91257, 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) interlayered eolian sands and piedmont-slope deposits (QEP). The soil in this area is made up of Simona-Bippus complex, 0 to 5 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 high potential for karst geology to be present in the area of the Beetlejuice (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 180 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is greater than 100 feet BGS. The closest waterway is a playa located approximately 1.44 miles to the southeast of this location. See Appendix A for referenced water surveys.

| | Table | 1 NMAC and Closure Crit | teria 19.15.29 | | | | | | | |
|---|---|-----------------------------|------------------------|----------|----------|--|--|--|--|--|
| Depth to Groundwater | | | | | | | | | | |
| (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 lot than 50 feet per Rule 19.15.29 | | | | | | | | | | |
| | Water Iss | sues | | Yes | No | | | | | |
| Within <u>300</u> feet of any cor | ntinuously flowing waterco | urse or any other signific | ant watercourse | | x | | | | | |
| Within <u>200</u> feet of any lak mark | | x | | | | | | | | |
| Within <u>300</u> feet from an o | ccupied permanent reside | nce, school, hospital, inst | itution, or church | | x | | | | | |
| Within <u>500</u> feet of a spring for domestic or stock wate | g or a private, domestic fre er purposes | shwater well used by les | s than five households | | x | | | | | |
| Within 1000 feet of any fr | eshwater well or spring | | | | Х | | | | | |
| Within incorporated muni | nwater well field | | x | | | | | | | |
| Within 300 feet of a wetla | nds | | | | х | | | | | |
| Within the area overlying | a subsurface mine | | | | Х | | | | | |
| Within an unstable area (k | | | | х | | | | | | |
| Within a 100-year floodpla | ain | | | | Х | | | | | |

Reference Figure 2 for a Topographic Map.

Release Information

NAB1734038480 (2RP-4511): On November 18th, 2017, the flare was found on fire with fluid releasing out of the top. This was due to the separator being swamped out. The valves to the flare were shut in immediately, which extinguished the fire. The released fluids were calculated to be approximately less than 1 barrel (bbls) of produced water. No fluids were recovered from the area due to the fluid being released in an overspray.

Site Assessment and Soil Sampling Results

On August 6th, 2020, Pima Environmental mobilized personnel to the site in order to assess the area. We sampled the areas directly adjacent to the flare. The results of this sampling event can be found in the following data table.

| NMOO | D Table 1 | Closure | Criteria 19.1 | 15.29 NM | AC (Depth | to Groun | dwater is >1 | 00') | | |
|---|----------------|---------------|------------------|--------------|--------------|--------------|--------------------|-------------|--|--|
| | | DEVO | ON ENERGY | - BEETLE . | IUICE 19 F | ED 3H | | | | |
| Sample Date 8-6-20 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 | | |
| | 0-6" | ND | ND | ND | ND | ND | ND | ND | | |
| S-1 | 1' | ND | ND | ND | ND | ND | ND | ND | | |
| 3-1 | 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 | | |
| 6.2 | 1' | ND | ND | ND | ND | ND | ND | ND | | |
| S-2 | 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-3 | 1' | ND | ND | ND | ND | ND | ND | ND | | |
| | 2' | ND | ND | ND | ND | ND | ND | ND | | |
| | 3' | ND | ND | ND | ND | ND | ND | ND | | |
| | 0-6" | ND | ND | ND | 47 | 64 | 111 | ND | | |
| S-4 | 1' | ND | ND | ND | ND | ND | ND | ND | | |
| 3-4 | 2' | ND | ND | ND | ND | ND | ND | ND | | |
| 10. Alt 1 | 3' | ND | ND | ND | ND | ND | ND | ND | | |
| S-5 | 0-6" | ND | ND | ND | ND | ND | ND | 200 | | |
| S-6 | 0-6" | ND | ND | ND | ND | ND | ND | 360 | | |
| | 0-6" | ND | ND | ND | ND | ND | ND | ND | | |
| S-7 | 1' | ND | ND | ND | ND | ND | ND | 67 | | |
| 5-1 | 2' | ND | ND | ND | ND | ND | ND | ND | | |
| | 3' | ND | ND | ND | ND | ND | ND | 71 | | |
| | 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 | | |
| BG 1 | 0-6" | ND | ND | ND | ND | ND | ND | ND | | |
| BG 2 | 0-6" | ND | ND | ND | ND | ND | ND | ND | | |
| BG 3 | 0-2' | ND | ND | ND | ND | ND | ND | ND | | |

ND- Analyte Not Detected

Remediation Activities

On August 19th, 2020, Pima mobilized personnel and equipment to conduct remedial activities. We treated the area in the vicinity of S-4, just east of the flare, with a bioremediation chemical solution. Photographic documentation can be found in Appendix D.

On October 21st, 2020, Pima returned to the site to assess the area and confirm that the bioremediation technique had been effective. The results of this sampling event can be found in the following table.

| | | 10 |)-21-20 So | oil Samp | le Resul | ts | | | |
|-------------|---|---------------|------------------|--------------|--------------|--------------|--------------------|-------------|--|
| NMOO | D Table 1 | Closure C | criteria 19.1 | 5.29 NM | AC (Depth | to Groun | dwater is >1 | 00') | |
| | | DEVO | N ENERGY | BEETLE J | UICE 19 FE | D 3H | | | |
| Sample Date | e 10-21-20 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-4 | 0-6" | | | ND | 2300 | 2900 | 5200 | | |

ND- Analyte Not Detected

On February 4th, 2021, Pima returned to the site to apply an additional treatment of the bioremediation chemical solution.

On April 14th, 2021, Pima returned to the site to collect confirmation samples from the treated area. The results of this sampling event can be found in the following table.

| NMO | CD Table 1 | Closure (| Criteria 19.1 | 15.29 NM | AC (Depth | to Groun | dwater is >1 | 00') |
|--|----------------|---------------|------------------|--------------|--------------|--------------|--------------------|-------------|
| - | | DEVO | ON ENERGY | - BEETLE J | UICE 19 FI | ED 3H | | |
| Sample Date 4-14-21 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-4 | 0-6" | | | ND | ND | ND | ND | |

4-14-21 Confirmation Soil Sample Results

Complete Laboratory Reports are attached in Appendix E.

Based on the sample results, the contamination levels were below NMOCD Closure Criteria 19.15.29 NMAC.

Closure Request

After careful review, Pima requests that this incident, NAB1734038480 (2RP-4511), 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

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

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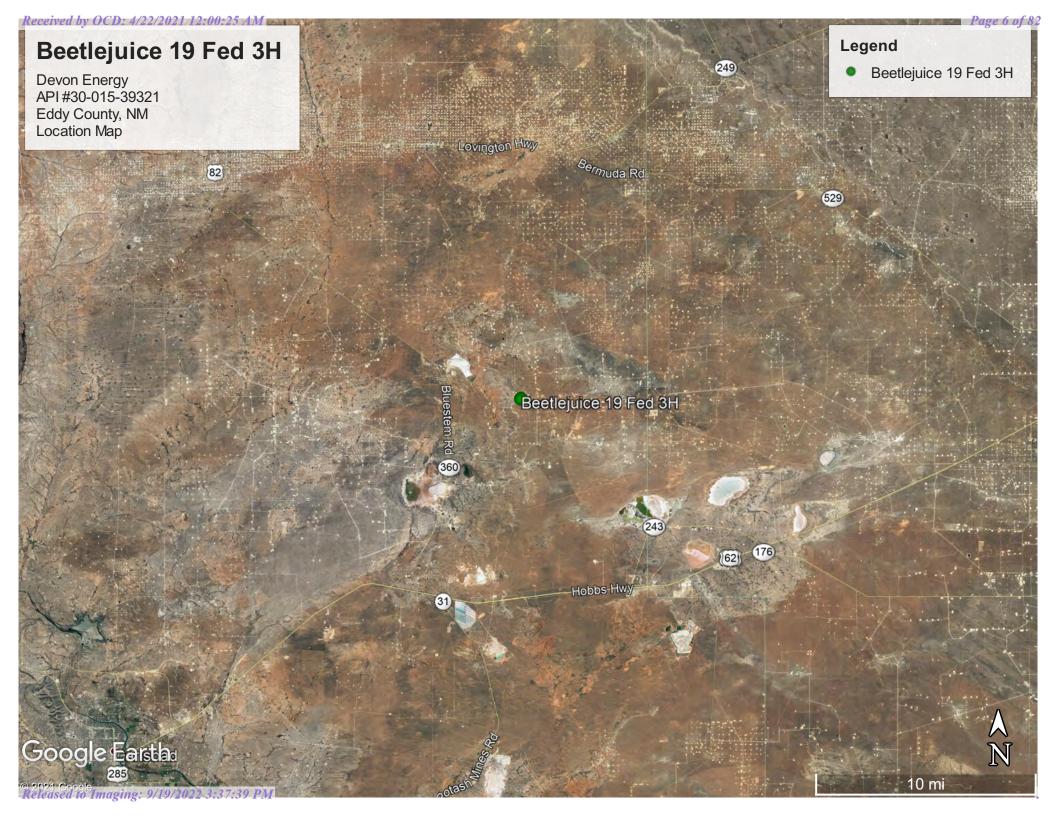
Figures:

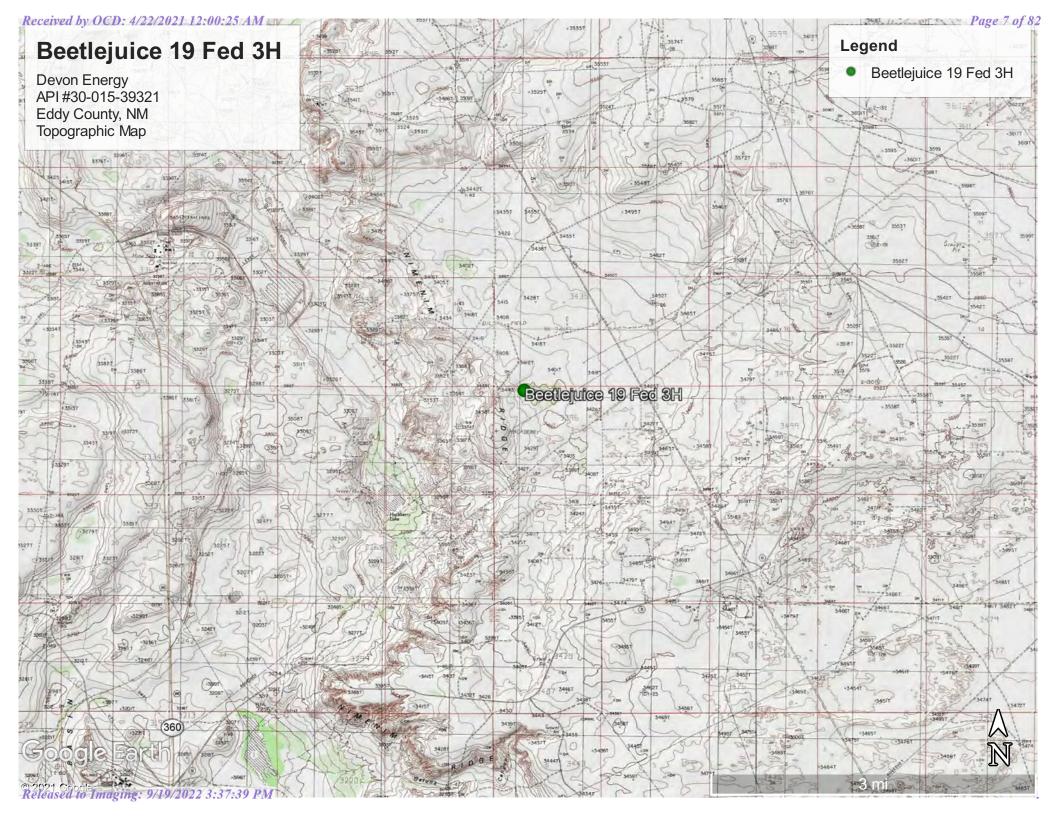
1-Location Map

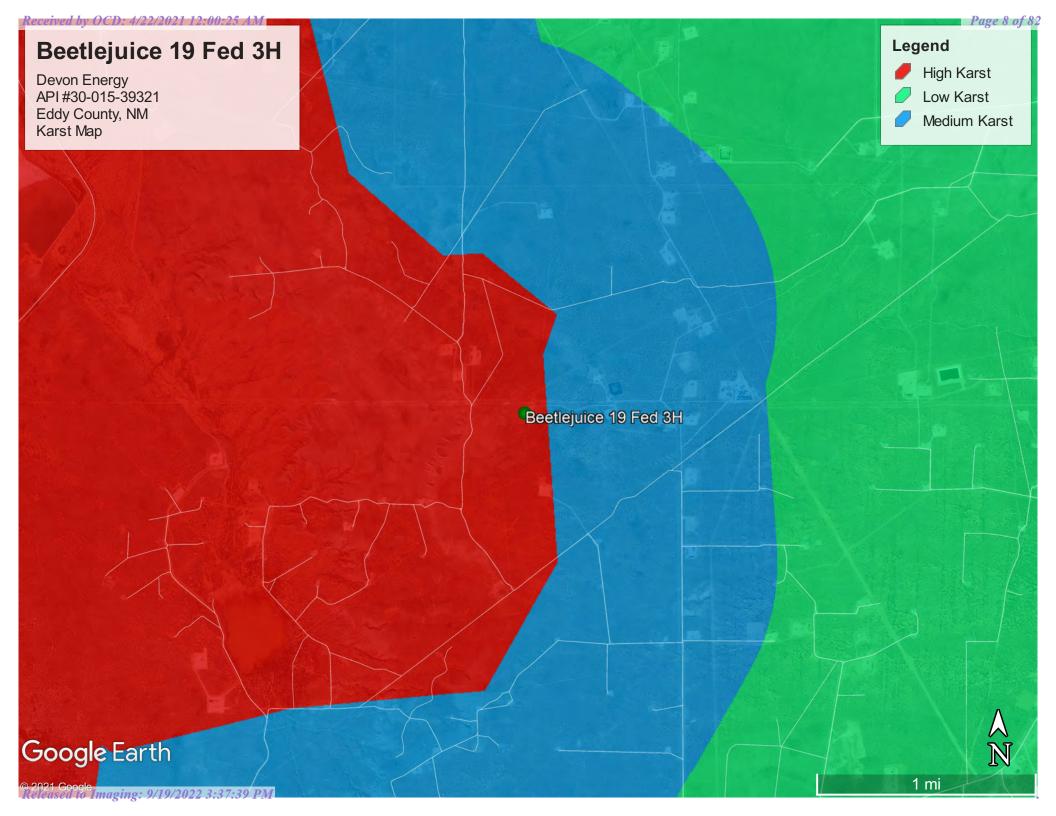
2-Торо Мар

3-Karst Map

4-Site Map











Appendix A

Water Surveys: OSE USGS Surface Water Map . 4



(A CT MUUUUU.

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

| (A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) | (R=POD been repl O=orpha C=the fil closed) | laced, ned, | | | | | | | / 2=NE est to la | 3=SW 4=S | E) NAD83 UTM in r | neters) | (In f | eet) | |
|---|--|--------------------------|-------------------------------|---------------|--------------|-------------|-----------------|-----------------------|---------------------|--------------|----------------------|--------------------|-----------------|----------------|---------|
| | e 100 eu) | POD | | | | | | | | 0 / (| | , | × × | , | |
| | | Sub- | | Q | Q | Q | | | | | | | | W | ater |
| POD Number | Code | basin | County | 64 | 16 | 4 | Sec | Tws | Rng | Х | Y | DistanceDep | thWellDept | thWater Co | lumn |
| <u>CP 00873 POD1</u> | | СР | LE | | 1 | 1 | 19 | 19S | 31E | 601772 | 3613147* 🌍 | 273 | 340 | 180 | 160 |
| <u>CP 00357 POD1</u> | | СР | ED | 4 | 4 | 1 | 24 | 19S | 30E | 600667 | 3612631* 🌍 | 1492 | 630 | | |
| <u>CP 00357 POD2</u> | | СР | ED | 4 | 3 | 1 | 24 | 19S | 30E | 600265 | 3612627* 🌍 | 1865 | 630 | | |
| <u>CP 00722 POD2</u> | | СР | ED | 2 | 1 | 1 | 25 | 19S | 30E | 600276 | 3611620* 🌍 | 2399 | 350 | 65 | 285 |
| <u>CP 00822 POD1</u> | | СР | LE | | 4 | 4 | 15 | 19S | 30E | 598148 | 3613516* 🌍 | 3874 | 90 | | |
| | | | | | | | | | | | Avera | ge Depth to Wate | r: | 122 fee | t |
| | | | | | | | | | | | | Minimum Dej | oth: | 65 fee | t |
| | | | | | | | | | | | | Maximum Dep | th: | 180 fee | t |
| Record Count: 5 | | | | | | | | | | | | | | | |
| UTMNAD83 Radius | <u>Search (ir</u> | 1 meters | <u>):</u> | | | | | | | | | | | | |
| Easting (X): 6020 | 014.68 | | North | ing | (Y) |): | 3613 | 273.12 | 24 | | Radius: 4000 | | | | |
| *UTM location was derived f | from PLSS | - see Helj |) | | | | | | | | | | | | |
| The data is furnished by the N accuracy, completeness, reliability | MOSE/ISC ility, usabilit | and is ac y, or suita | cepted by th bility for an | ne re y pa | cipi | ent ılar | with t purpc | the expr ose of th | essed ur e data. | nderstanding | that the OSE/ISC m | ake no warranties, | expressed or in | plied, concerr | ing the |
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 Status Update: 10:45 pm ET - The planned outage has been completed. Recent time-series data are again being delivered to Water Data for the Nation.
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Groundwater levels for the Nation

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Search Results -- 1 sites found

site_no list =

• 323730103524701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323730103524701 19S.31E.28.334133

Available data for this site Groundwater: Field measurements V GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°37'30", Longitude 103°52'47" NAD27

Land-surface elevation 3,445 feet above NGVD29

The depth of the well is 204.00 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Dockum Group (231DCKM) local aquifer.

Output formats

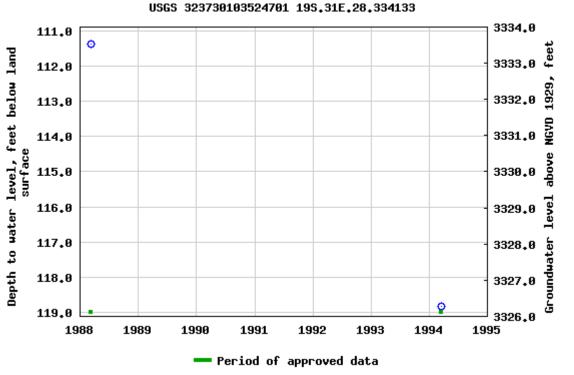
| <u>Table</u> | of | data | |
|--------------|----|------|--|
| | | | |

<u>Tab-separated data</u>

<u>Graph of data</u>

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Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

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|----------------------|----------------|------------------|------|
| 0505 Water Resources | Groundwater 🗸 | United States | ✓ GO |

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- April 7, 2021 The USGS Water Data for the Nation site has a planned outage this evening. Real time data will be behind from 8pm ET-11pm ET. Please plan on this lapse in current data in your applications and use of our data. A notice will be posted when the data are current.
 Status Update: 10:45 pm ET - The planned outage has been completed. Recent time-series data are again being delivered to Water Data for the Nation.
- Full News 🔊

Groundwater levels for the Nation

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

site_no list =

• 323734103523901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 323734103523901 19S.31E.28.33124

Available data for this site Groundwater: Field measurements V GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°37'34", Longitude 103°52'39" NAD27

Land-surface elevation 3,473 feet above NAVD88

The depth of the well is 230 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

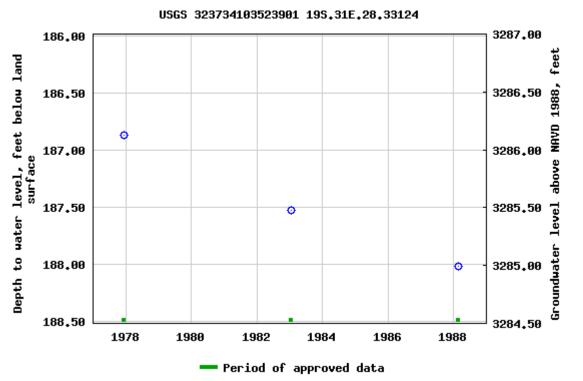
<u>Table of data</u>

Tab-separated data

<u>Graph of data</u>

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Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

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Beetlejuice 19 Fed 3H

Devon Energy API #30-015-39231 Eddy County, NM 32.6525154, -103.9121628 Surface Water Map Legend 1.44 Miles Playa

1 mi

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Playa

Beetlejuice 19 Fed 3H

Google Earth

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Appendix B

Soil Survey & Geological Data FEMA Flood Map Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

SM—Simona-Bippus complex, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1w5x Elevation: 1,800 to 5,000 feet Mean annual precipitation: 8 to 24 inches Mean annual air temperature: 57 to 70 degrees F Frost-free period: 180 to 230 days Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 55 percent Bippus and similar soils: 30 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

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

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam *H2 - 19 to 23 inches:* indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Natural drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 15 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7e Hydrologic Soil Group: D

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Ecological site: Shallow Sandy (R042XC002NM) *Hydric soil rating:* No

Description of Bippus

Setting

Landform: Flood plains, alluvial fans Landform position (three-dimensional): Talf, rise Down-slope shape: Convex, linear Across-slope shape: Linear Parent material: Mixed alluvium

Typical profile

H1 - 0 to 37 inches: silty clay loam *H2 - 37 to 60 inches:* clay loam

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very 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: Occasional
Frequency of ponding: None
Calcium carbonate, maximum in profile: 40 percent
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 3e Hydrologic Soil Group: B Ecological site: Bottomland (R042XC017NM) Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 8 percent Ecological site: Shallow Sandy (R042XC002NM) Hydric soil rating: No

Bippus

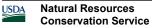
Percent of map unit: 7 percent Ecological site: Bottomland (R042XC017NM)



Hydric soil rating: No

Data Source Information

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

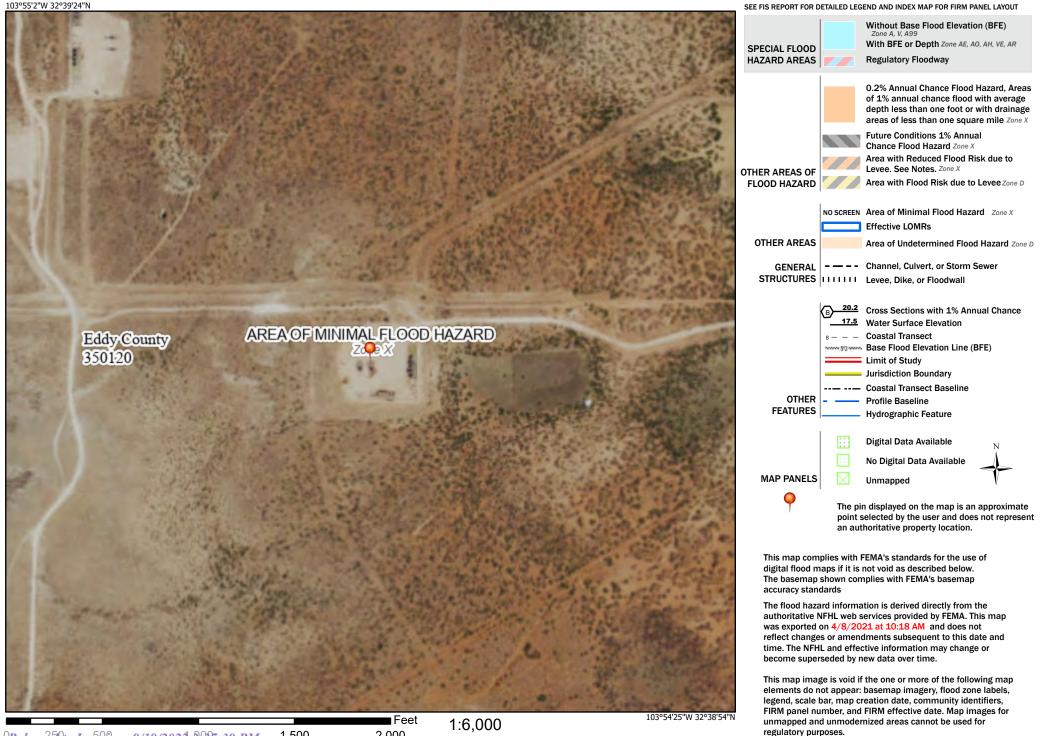


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Legend

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Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020



Appendix C

C-141's: Initial

Final

| | | | NM (| DIL CO | NSERV | ATION | |
|--|-----------------------------|--|-------------------------------|-------------|----------------------|-----------------------|---|
| District I 1625 N. French Dr., Hobbs, NM 88240 | | New Mex | ico | ARTESIA | DISTRIC | Т | Form C-141 |
| District II 811 S. First St., Artesia, NM 88210 | Energy Minerals | and Natura | DEC | 01 2017 | | Revised April 3, 2017 | |
| District III | Oil Conser | vation Div | vision | | | | ate District Office in ith 19.15.29 NMAC. |
| 1000 Rio Brazos Road, Aztec, NM 87410 District IV | 1220 South | St. Franc | is Dr. | | | cordance w | ith 19.15.29 NMAC. |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | Santa Fe | e, NM 875 | 05 | 1 3.60 541 | | | |
| Rele | ase Notification | and Co | orrective A | ction | | | |
| MB1734038480 | | OPERA | ГOR | | 🛛 Initia | al Report | Final Repor |
| Name of Company Devon Energy Production | | | es Ryan, Produc | | eman | | |
| Address 6488 Seven Rivers Hwy, Artesia N | | | No. 575-390-54 | 36 | | | |
| Facility Name Beetlejuice 19 Fed 3H | | Facility Typ | be Oil | | | | |
| Surface Owner Federal | Mineral Owner | Federal | | | API No | . 30-015-3 | 9231 |
| | LOCATION | N OF RE | LEASE | | | | |
| Unit Letter Section Township Range | | South Line | Feet from the | East/W | est Line | Cou | • |
| C 19 19S 31E | | | } | | | E | ddy |
| LLL | | | L | | | L | |
| Latitude32.6 | 52511 | Longitude_ | 103.91257 | | NAD83 | | |
| | NATURE | OF REL | EASE | | | | |
| Type of Release | | Volume of | Release | | | Recovered | |
| Fire/Produced Water Source of Release | | <1 bbl pw | lour of Occurren | Ce | 0 bbl pw Date and | Hour of Dis | scovery |
| Flare | | 1 | 7 @ 3:30AM MS | 1 | | 7 @ 3:30A | |
| Was Immediate Notice Given? | N [] N (p 1) | If YES, To | | | | | |
| Yes [] | No 🗌 Not Required | BLM-Shel | Mike Bratcher an ly Tucker | d Crystal | weaver | | |
| By Whom? Mike Shoemaker, EHS Professional | | Date and H | lour | | | | |
| Was a Watercourse Reached? | | | 7 @ 4:33PM MS | | | | |
| Yas a Watercourse Reached | No | If YES, Volume Impacting the Watercourse. N/A | | | | | |
| If a Watercourse was Impacted, Describe Fully.* | N/A | L | | | | | |
| | | | | | | | |
| Describe Cause of Problem and Remedial Action | Taken.* | | | | | | |
| The flare was on fire and fluid was coming out th | e top because the separat | | | | | | are were shut in and |
| the fire went out. There was a less than 1 bbl over | rspray associated with th | ne fire the aff | ected area from t | he oversp | oray was al | l on pad. | |
| Describe Area Affected and Cleanup Action Take | | | | | · | | ······ |
| The valves going to the flare were shut in and the | fire went out. The area | affected by t | he overspray was | all on lo | cation and | a remediati | on contractor will be |
| contacted to assist with remediation efforts. | | | | | _ | | |
| I hereby certify that the information given above | | | | | | | |
| regulations all operators are required to report and public health or the environment. The acceptance | | | | | | | |
| should their operations have failed to adequately | investigate and remediat | e contaminat | ion that pose a th | reat to gr | ound wate | r, surface w | ater, human health |
| or the environment. In addition, NMOCD accept federal, state, or local laws and/or regulations. | ance of a C-141 report d | oes not reliev | e the operator of | responsi | bility for c | ompliance | with any other |
| reueral, state, or rocal laws and/or regulations. | | | OIL CON | ISERV | ATION | DIVISI | ON NC |
| | | | 011001 | | Λ | 1 | |
| Signature: DANA DELAROSA | | A | E | Sur_station | I'AA | 14-1 | MIM |
| Printad Nama, Dana Dal a Pasa | | Approved by | Environmental S | specialist | UN | AN | \sim VV \sim |
| Printed Name: Dana DeLaRosa | | | 101.1 | | | | . ^ |
| Title: Field Admin Support | | Approval Da | te: 121411 | / I | Expiration | Date: N | Η |
| E-mail Address: dana.delarosa@dvn.com | | Conditions o | f Approval: | | \cap | | \ |
| L-man Augress, Udila. Ucial USA @UVII. CUII | | | Att A 0 | KIC | -X | Attached | ADIA |
| Date: Phone: 575.746.5 | 594 | su | MIM | | / ` | 1(| 212-43/1 |
| * Attach Additional Sheets If Necessary | | | | | | | |

Received by OCD: 4/22/2021 12:00:25 AM

Received by OCD: 4/22/2021 12:00:25 AM Form C-141 State of New Mexico

Oil Conservation Division

| | Page 24 of 8. |
|----------------|---------------|
| Incident ID | NAB1734038480 |
| District RP | 2RP-4511 |
| Facility ID | |
| Application 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
- \checkmark 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
- 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.

| Received by OCD: 4/22/2021 12:00:25 AM Form C-141 State of New Me | | co | Page 25 of | | |
|--|---------------------------------------|--|---|--|--|
| Page 4 | Oil Conservation Div | | Incident ID District RP | NAB1734038480 2RP-4511 | |
| | | | Facility ID | | |
| | | | Application ID | | |
| public health or the envir failed to adequately inve- addition, OCD acceptance and/or regulations. Printed Name: Wes | | by the OCD does not relieve the occ does not relieve the set a threat to groundwater, surface the set of responsibility for compared to the set of the set | e operator of liability sh ace water, human health liance with any other fe essional | ould their operations have or the environment. In | |
| Signature: | Vesley Mathews | Date: 4/20/2021 | | | |
| email: wesley.mat | <i>Vesley Mathews</i> hews@dvn.com | Telephone: <u>575-7</u> | 25-0787 | | |
| OCD Only | | | | | |
| Received by: | | Date: | | | |
| | | | | | |

Page 6

Oil Conservation Division

| Incident ID | NAB1734038480 |
|----------------|---------------|
| District RP | 2RP-4511 |
| 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)

 \square 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 Mathewa
 Date:
 4/20/2021

 email:
 Wesley.mathews@dvn.com
 Telephone:
 575-725-0787

 OCD Only
 Received by:
 OCD
 Date:
 4/21/2021

 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:
 Mathew Mathewall.
 Date:
 9/19/2022

| Closure Approve | ed by: | Ashley Ma | stwell | _ Date: _ | 9/19/2022 |
|-----------------|-----------|-----------|--------|-----------|--------------------------|
| Printed Name: | Ashley Ma | xwell | / | Title: _ | Environmental Specialist |

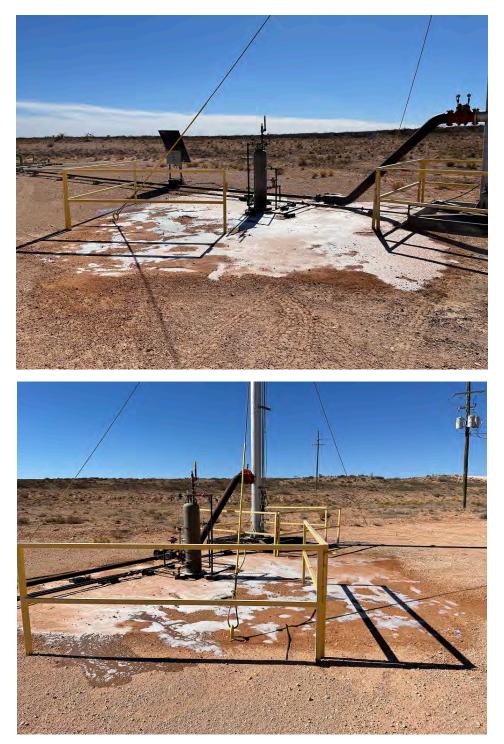


Appendix D

Photographic Documentation



SITE PHOTOGRAPHS









Artesia, NM 88210, USAArtesia, NM 88210, USAArtesia, NM 88210, USALatitudeLongitudeLatitudeLongitudeLatitude32.6522410/3.912281°32.6525010/3.912087°32.6522-710/3.912283°LOCALWEDNESDAY 08.19.2020LOCALWEDNESDAY 08.19.2020LOCALWEDNESDAY 08.19.2020GMT 21AD6FB9DE 1003 METERGMT 21:06 ALTITUDE 0 METERGMT 21AD6FB9DE 1015 METER



Appendix E

Laboratory Reports

HALL ENVIRONMENTAL ANALYSIS LABORATORY

August 18, 2020

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

RE: Beetle Juice 19 Fed 3H

OrderNo.: 2008617

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 29 sample(s) on 8/12/2020 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,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

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

Ν

Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S1, 0"-6" **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:00:00 AM Lab ID: 2008617-001 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.6 mg/Kg 1 8/13/2020 9:19:28 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 8/13/2020 9:19:28 PM Surr: DNOP 63.1 30.4-154 %Rec 8/13/2020 9:19:28 PM 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 20 8/16/2020 12:03:22 PM 60 mg/Kg **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 mg/Kg 8/14/2020 4:46:24 AM 1 Toluene ND 0.049 mg/Kg 1 8/14/2020 4:46:24 AM Ethylbenzene ND 8/14/2020 4:46:24 AM 0.049 mg/Kg 1 Xylenes, Total ND 0.097 mg/Kg 8/14/2020 4:46:24 AM 1 Surr: 1,2-Dichloroethane-d4 96.9 70-130 %Rec 1 8/14/2020 4:46:24 AM Surr: 4-Bromofluorobenzene 97.7 70-130 %Rec 1 8/14/2020 4:46:24 AM Surr: Dibromofluoromethane 104 70-130 %Rec 1 8/14/2020 4:46:24 AM 8/14/2020 4:46:24 AM Surr: Toluene-d8 89.6 70-130 %Rec 1 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) 8/14/2020 4:46:24 AM ND 4.9 mg/Kg 1 Surr: BFB 8/14/2020 4:46:24 AM 97.0 70-130 %Rec 1

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

Oualifiers:

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

- 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: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S1,1' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:04:00 AM Lab ID: 2008617-002 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.4 mg/Kg 1 8/13/2020 9:29:31 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 8/13/2020 9:29:31 PM Surr: DNOP 30.4-154 %Rec 8/13/2020 9:29:31 PM 81.0 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 12:40:22 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 mg/Kg 8/14/2020 5:14:59 AM 1 Toluene ND 0.047 mg/Kg 1 8/14/2020 5:14:59 AM Ethylbenzene ND 8/14/2020 5:14:59 AM 0.047 mg/Kg 1 Xylenes, Total ND 0.095 mg/Kg 8/14/2020 5:14:59 AM 1 Surr: 1,2-Dichloroethane-d4 92.3 70-130 %Rec 1 8/14/2020 5:14:59 AM Surr: 4-Bromofluorobenzene 98.9 70-130 %Rec 1 8/14/2020 5:14:59 AM Surr: Dibromofluoromethane 103 70-130 %Rec 1 8/14/2020 5:14:59 AM Surr: Toluene-d8 8/14/2020 5:14:59 AM 97.6 70-130 %Rec 1 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) 8/14/2020 5:14:59 AM ND 4.7 mg/Kg 1 Surr: BFB 8/14/2020 5:14:59 AM 102 70-130 %Rec 1

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

Oualifiers:

Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix

H 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

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 36

Date Reported: 8/18/2020

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S1, 2' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:08:00 AM Lab ID: 2008617-003 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.8 mg/Kg 1 8/13/2020 9:39:46 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 8/13/2020 9:39:46 PM Surr: DNOP 30.4-154 %Rec 8/13/2020 9:39:46 PM 81.1 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 1:17:23 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.023 mg/Kg 8/14/2020 5:43:49 AM 1 Toluene ND 0.046 mg/Kg 1 8/14/2020 5:43:49 AM Ethylbenzene ND 8/14/2020 5:43:49 AM 0.046 mg/Kg 1 Xylenes, Total ND 0.092 mg/Kg 8/14/2020 5:43:49 AM 1 Surr: 1,2-Dichloroethane-d4 92.0 70-130 %Rec 1 8/14/2020 5:43:49 AM Surr: 4-Bromofluorobenzene 101 70-130 %Rec 1 8/14/2020 5:43:49 AM Surr: Dibromofluoromethane 106 70-130 %Rec 1 8/14/2020 5:43:49 AM Surr: Toluene-d8 8/14/2020 5:43:49 AM 101 70-130 %Rec 1 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR 8/14/2020 5:43:49 AM Gasoline Range Organics (GRO) ND 4.6 mg/Kg 1 Surr: BFB 8/14/2020 5:43:49 AM 106 70-130 %Rec 1

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

Oualifiers:

- 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

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

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Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S1, 3' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:12:00 AM Lab ID: 2008617-004 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.8 mg/Kg 1 8/13/2020 9:50:01 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 8/13/2020 9:50:01 PM Surr: DNOP 82.3 30.4-154 %Rec 8/13/2020 9:50:01 PM 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 1:29:43 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 mg/Kg 8/14/2020 6:12:23 AM 1 Toluene ND 8/14/2020 6:12:23 AM 0.047 mg/Kg 1 Ethylbenzene ND 8/14/2020 6:12:23 AM 0.047 mg/Kg 1 Xylenes, Total ND 0.094 mg/Kg 8/14/2020 6:12:23 AM 1 Surr: 1,2-Dichloroethane-d4 94.5 70-130 %Rec 1 8/14/2020 6:12:23 AM Surr: 4-Bromofluorobenzene 101 70-130 %Rec 1 8/14/2020 6:12:23 AM Surr: Dibromofluoromethane 105 70-130 %Rec 1 8/14/2020 6:12:23 AM 8/14/2020 6:12:23 AM Surr: Toluene-d8 93.5 70-130 %Rec 1 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR 8/14/2020 6:12:23 AM Gasoline Range Organics (GRO) ND 4.7 mg/Kg 1 Surr: BFB 8/14/2020 6:12:23 AM 105 70-130 %Rec 1

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

Oualifiers:

- 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

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

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Project:

Lab ID:

Analyses

Analytical Report Lab Order 2008617

Hall Environmental Analysis Laboratory, Inc.

Beetle Juice 19 Fed 3H

2008617-005

Date Reported: 8/18/2020 Client Sample ID: S2, 0"-6" **CLIENT:** Pima Environmental Services LLC Collection Date: 8/6/2020 9:16:00 AM Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Result **RL** Qual Units DF **Date Analyzed** .

| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: B | | | | | | |
|--|------|----------|-------|----|-----------------------|--|
| Diesel Range Organics (DRO) | ND | 9.8 | mg/Kg | 1 | 8/13/2020 10:00:13 PM | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 8/13/2020 10:00:13 PM | |
| Surr: DNOP | 77.7 | 30.4-154 | %Rec | 1 | 8/13/2020 10:00:13 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA | |
| Chloride | ND | 60 | mg/Kg | 20 | 8/16/2020 1:42:03 PM | |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | Analyst: JMR | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 8/14/2020 6:40:51 AM | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 8/14/2020 6:40:51 AM | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 8/14/2020 6:40:51 AM | |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 8/14/2020 6:40:51 AM | |
| Surr: 1,2-Dichloroethane-d4 | 92.2 | 70-130 | %Rec | 1 | 8/14/2020 6:40:51 AM | |
| Surr: 4-Bromofluorobenzene | 98.6 | 70-130 | %Rec | 1 | 8/14/2020 6:40:51 AM | |
| Surr: Dibromofluoromethane | 107 | 70-130 | %Rec | 1 | 8/14/2020 6:40:51 AM | |
| Surr: Toluene-d8 | 96.9 | 70-130 | %Rec | 1 | 8/14/2020 6:40:51 AM | |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst: JMR | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 8/14/2020 6:40:51 AM | |
| Surr: BFB | 103 | 70-130 | %Rec | 1 | 8/14/2020 6:40:51 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 S
 - % Recovery outside of range due to dilution or matrix

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

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Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S2, 1' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:20:00 AM Lab ID: 2008617-006 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.5 mg/Kg 1 8/13/2020 10:10:26 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 8/13/2020 10:10:26 PM Surr: DNOP 96.9 30.4-154 %Rec 8/13/2020 10:10:26 PM 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 1:54:24 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 mg/Kg 8/14/2020 7:09:23 AM 1 Toluene ND 8/14/2020 7:09:23 AM 0.048 mg/Kg 1 Ethylbenzene ND 8/14/2020 7:09:23 AM 0.048 mg/Kg 1 Xylenes, Total ND 0.097 mg/Kg 8/14/2020 7:09:23 AM 1 Surr: 1,2-Dichloroethane-d4 97.2 70-130 %Rec 1 8/14/2020 7:09:23 AM Surr: 4-Bromofluorobenzene 98.2 70-130 %Rec 1 8/14/2020 7:09:23 AM Surr: Dibromofluoromethane 106 70-130 %Rec 1 8/14/2020 7:09:23 AM Surr: Toluene-d8 8/14/2020 7:09:23 AM 94.1 70-130 %Rec 1 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR 8/14/2020 7:09:23 AM Gasoline Range Organics (GRO) ND 4.8 mg/Kg 1 Surr: BFB 8/14/2020 7:09:23 AM 99.7 70-130 %Rec 1

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

Oualifiers:

Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix

H 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

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: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S2, 2' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:24:00 AM Lab ID: 2008617-007 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.9 mg/Kg 1 8/13/2020 10:20:35 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 8/13/2020 10:20:35 PM Surr: DNOP 88.4 30.4-154 %Rec 8/13/2020 10:20:35 PM 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 20 8/16/2020 2:06:45 PM 60 mg/Kg **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 mg/Kg 8/14/2020 7:38:02 AM 1 Toluene ND 8/14/2020 7:38:02 AM 0.049 mg/Kg 1 Ethylbenzene ND 8/14/2020 7:38:02 AM 0.049 mg/Kg 1 Xylenes, Total ND 0.098 mg/Kg 8/14/2020 7:38:02 AM 1 Surr: 1,2-Dichloroethane-d4 94.9 70-130 %Rec 1 8/14/2020 7:38:02 AM Surr: 4-Bromofluorobenzene 101 70-130 %Rec 1 8/14/2020 7:38:02 AM Surr: Dibromofluoromethane 109 70-130 %Rec 1 8/14/2020 7:38:02 AM Surr: Toluene-d8 8/14/2020 7:38:02 AM 97.0 70-130 %Rec 1 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) 8/14/2020 7:38:02 AM ND

104

4.9

70-130

mg/Kg

%Rec

1

1

8/14/2020 7:38:02 AM

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

Oualifiers:

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

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

в Analyte detected in the associated Method Blank

E Value above quantitation range

T Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 7 of 36

Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S2, 3' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:28:00 AM Lab ID: 2008617-008 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.4 mg/Kg 1 8/13/2020 10:30:45 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 8/13/2020 10:30:45 PM Surr: DNOP 30.4-154 %Rec 8/13/2020 10:30:45 PM 110 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 20 8/16/2020 2:19:05 PM 59 mg/Kg **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 mg/Kg 8/14/2020 8:06:35 AM 1 Toluene ND 0.048 mg/Kg 1 8/14/2020 8:06:35 AM Ethylbenzene ND mg/Kg 8/14/2020 8:06:35 AM 0.048 1 Xylenes, Total ND 0.095 mg/Kg 8/14/2020 8:06:35 AM 1 Surr: 1,2-Dichloroethane-d4 98.9 70-130 %Rec 1 8/14/2020 8:06:35 AM Surr: 4-Bromofluorobenzene 97.9 70-130 %Rec 1 8/14/2020 8:06:35 AM Surr: Dibromofluoromethane 110 70-130 %Rec 1 8/14/2020 8:06:35 AM Surr: Toluene-d8 8/14/2020 8:06:35 AM 94.2 70-130 %Rec 1 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) 8/14/2020 8:06:35 AM ND 4.8 mg/Kg 1 Surr: BFB 8/14/2020 8:06:35 AM 103 70-130 %Rec 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
- H 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

- 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: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S3, 0"-6" **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:32:00 AM Lab ID: 2008617-009 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.3 mg/Kg 1 8/13/2020 10:40:54 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 8/13/2020 10:40:54 PM Surr: DNOP 82.2 30.4-154 %Rec 8/13/2020 10:40:54 PM 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 2:31:26 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 mg/Kg 8/14/2020 8:35:05 AM 1 Toluene ND 0.049 mg/Kg 1 8/14/2020 8:35:05 AM Ethylbenzene ND mg/Kg 8/14/2020 8:35:05 AM 0.049 1 Xylenes, Total ND 0.098 mg/Kg 8/14/2020 8:35:05 AM 1 Surr: 1,2-Dichloroethane-d4 101 70-130 %Rec 1 8/14/2020 8:35:05 AM Surr: 4-Bromofluorobenzene 101 70-130 %Rec 1 8/14/2020 8:35:05 AM Surr: Dibromofluoromethane 108 70-130 %Rec 1 8/14/2020 8:35:05 AM Surr: Toluene-d8 8/14/2020 8:35:05 AM 96.9 70-130 %Rec 1 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) 8/14/2020 8:35:05 AM ND 4.9 mg/Kg 1 Surr: BFB 8/14/2020 8:35:05 AM 107 70-130 %Rec 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
- H 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

- 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: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S3, 1' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:36:00 AM Lab ID: 2008617-010 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses 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 8/13/2020 10:51:05 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 8/13/2020 10:51:05 PM Surr: DNOP 30.4-154 %Rec 8/13/2020 10:51:05 PM 91.7 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 2:43:46 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 mg/Kg 8/14/2020 9:03:32 AM 1 Toluene ND 0.048 mg/Kg 1 8/14/2020 9:03:32 AM Ethylbenzene ND 8/14/2020 9:03:32 AM 0.048 mg/Kg 1 Xylenes, Total ND 0.097 mg/Kg 8/14/2020 9:03:32 AM 1 Surr: 1,2-Dichloroethane-d4 96.0 70-130 %Rec 1 8/14/2020 9:03:32 AM Surr: 4-Bromofluorobenzene 96.8 70-130 %Rec 1 8/14/2020 9:03:32 AM Surr: Dibromofluoromethane 109 70-130 %Rec 1 8/14/2020 9:03:32 AM Surr: Toluene-d8 8/14/2020 9:03:32 AM 93.1 70-130 %Rec 1 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) 8/14/2020 9:03:32 AM ND 4.8 mg/Kg 1 Surr: BFB 8/14/2020 9:03:32 AM 99.2 70-130 %Rec 1

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

Oualifiers:

Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix

H 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

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: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S3, 2 **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:40:00 AM Lab ID: 2008617-011 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.8 mg/Kg 1 8/13/2020 11:51:11 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 8/13/2020 11:51:11 PM Surr: DNOP 30.4-154 %Rec 8/13/2020 11:51:11 PM 104 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 2:56:07 PM 60 mg/Kg 20 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: JMR Benzene ND 0.024 mg/Kg 8/14/2020 9:32:02 AM 1 Toluene ND 8/14/2020 9:32:02 AM 0.048 mg/Kg 1 Ethylbenzene ND 8/14/2020 9:32:02 AM 0.048 mg/Kg 1 Xylenes, Total ND 0.095 mg/Kg 8/14/2020 9:32:02 AM 1 Surr: 1,2-Dichloroethane-d4 95.5 70-130 %Rec 1 8/14/2020 9:32:02 AM Surr: 4-Bromofluorobenzene 101 70-130 %Rec 1 8/14/2020 9:32:02 AM Surr: Dibromofluoromethane 107 70-130 %Rec 1 8/14/2020 9:32:02 AM Surr: Toluene-d8 8/14/2020 9:32:02 AM 93.9 70-130 %Rec 1 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: JMR Gasoline Range Organics (GRO) 8/14/2020 9:32:02 AM ND 4.8 mg/Kg 1 Surr: BFB 8/14/2020 9:32:02 AM 106 70-130 %Rec 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
- H 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

- 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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2008617-012

Diesel Range Organics (DRO)

Project:

Lab ID:

Analyses

Analytical Report Lab Order 2008617

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2020 **CLIENT:** Pima Environmental Services LLC Client Sample ID: S3, 3 Collection Date: 8/6/2020 9:44:00 AM Beetle Juice 19 Fed 3H Received Date: 8/12/2020 7:50:00 AM Matrix: SOIL Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM ND 9.9 mg/Kg 1 8/14/2020 12:21:25 AM Motor Oil Range Organics (MRO) ND 8/14/2020 12:21:25 AM 50 mg/Kg 1

| Surr: DNOP | 121 | 30.4-154 | %Rec | 1 | 8/14/2020 12:21:25 AM |
|--|------|----------|-------|----|-----------------------|
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 60 | mg/Kg | 20 | 8/16/2020 3:08:26 PM |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | Analyst: JMR |
| Benzene | ND | 0.023 | mg/Kg | 1 | 8/14/2020 10:00:39 AM |
| Toluene | ND | 0.046 | mg/Kg | 1 | 8/14/2020 10:00:39 AM |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 8/14/2020 10:00:39 AM |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 8/14/2020 10:00:39 AM |
| Surr: 1,2-Dichloroethane-d4 | 94.7 | 70-130 | %Rec | 1 | 8/14/2020 10:00:39 AM |
| Surr: 4-Bromofluorobenzene | 96.0 | 70-130 | %Rec | 1 | 8/14/2020 10:00:39 AM |
| Surr: Dibromofluoromethane | 107 | 70-130 | %Rec | 1 | 8/14/2020 10:00:39 AM |
| Surr: Toluene-d8 | 101 | 70-130 | %Rec | 1 | 8/14/2020 10:00:39 AM |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 8/14/2020 10:00:39 AM |
| Surr: BFB | 105 | 70-130 | %Rec | 1 | 8/14/2020 10:00:39 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 s
 - % Recovery outside of range due to dilution or matrix

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

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Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S4, 0"-6" **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:48:00 AM Lab ID: 2008617-013 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** 47 9.7 mg/Kg 1 8/14/2020 12:31:29 AM Motor Oil Range Organics (MRO) 64 49 mg/Kg 1 8/14/2020 12:31:29 AM Surr: DNOP 126 30.4-154 %Rec 8/14/2020 12:31:29 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 8/15/2020 2:57:29 AM 4.8 mg/Kg 1 Surr: BFB 101 75.3-105 %Rec 1 8/15/2020 2:57:29 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 8/15/2020 2:57:29 AM mg/Kg 1 Toluene ND 8/15/2020 2:57:29 AM 0.048 mg/Kg 1 Ethylbenzene ND 0.048 mg/Kg 1 8/15/2020 2:57:29 AM Xylenes, Total ND 0.096 mg/Kg 1 8/15/2020 2:57:29 AM Surr: 4-Bromofluorobenzene 105 80-120 %Rec 1 8/15/2020 2:57:29 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 3:45:29 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.
 Sample Diluted Due to Matrix

H 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

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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Project:

Lab ID:

Analyses

Analytical Report Lab Order 2008617

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2020 **CLIENT:** Pima Environmental Services LLC Client Sample ID: S4, 1' Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 9:52:00 AM 2008617-014 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.8 mg/Kg 1 8/14/2020 12:41:30 AM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 8/14/2020 12:41:30 AM Surr: DNOP 30.4-154 %Rec 1 8/14/2020 12:41:30 AM 116 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 8/15/2020 4:08:07 AM 4.8 mg/Kg 1 Surr: BFB 100 75.3-105 %Rec 1 8/15/2020 4:08:07 AM Analyst: RAA _... -----

| EPA METHOD 8021B: VOLATILES | | | | | Analyst: RAA |
|-----------------------------|-----|--------|-------|----|----------------------|
| Benzene | ND | 0.024 | mg/Kg | 1 | 8/15/2020 4:08:07 AM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 8/15/2020 4:08:07 AM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 8/15/2020 4:08:07 AM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 8/15/2020 4:08:07 AM |
| Surr: 4-Bromofluorobenzene | 103 | 80-120 | %Rec | 1 | 8/15/2020 4:08:07 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 60 | mg/Kg | 20 | 8/16/2020 3:57:49 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 S
 - % Recovery outside of range due to dilution or matrix

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

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Project: Beetle Juice 19 Fed 3H

Date Reported: 8/18/2020 Client Sample ID: S4, 2' Collection Date: 8/6/2020 9:56:00 AM

| Lab ID: 2008617-015 | Matrix: SOIL | Rece | eived Date: | 8/12/2 | 020 7:50:00 AM |
|--------------------------------|--------------|----------|-------------|--------|-----------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.7 | mg/Kg | 1 | 8/14/2020 12:51:33 AM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 8/14/2020 12:51:33 AM |
| Surr: DNOP | 97.8 | 30.4-154 | %Rec | 1 | 8/14/2020 12:51:33 AM |
| EPA METHOD 8015D: GASOLINE RAM | IGE | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 8/15/2020 5:19:11 AM |
| Surr: BFB | 104 | 75.3-105 | %Rec | 1 | 8/15/2020 5:19:11 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: RAA |
| Benzene | ND | 0.025 | mg/Kg | 1 | 8/15/2020 5:19:11 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 8/15/2020 5:19:11 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 8/15/2020 5:19:11 AM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 8/15/2020 5:19:11 AM |
| Surr: 4-Bromofluorobenzene | 107 | 80-120 | %Rec | 1 | 8/15/2020 5:19:11 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 60 | mg/Kg | 20 | 8/16/2020 4:10:09 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
- S
 - % Recovery outside of range due to dilution or matrix

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

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EPA METHOD 300.0: ANIONS

Chloride

Analytical Report Lab Order 2008617

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2020 **CLIENT:** Pima Environmental Services LLC Client Sample ID: S4, 3' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:00:00 AM Lab ID: 2008617-016 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.9 mg/Kg 1 8/14/2020 1:01:33 AM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 8/14/2020 1:01:33 AM Surr: DNOP 98.4 30.4-154 %Rec 8/14/2020 1:01:33 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 8/15/2020 5:43:22 AM 4.9 mg/Kg 1 Surr: BFB 106 75.3-105 S %Rec 1 8/15/2020 5:43:22 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 8/15/2020 5:43:22 AM mg/Kg 1 Toluene ND 8/15/2020 5:43:22 AM 0.049 mg/Kg 1 Ethylbenzene ND 0.049 mg/Kg 1 8/15/2020 5:43:22 AM Xylenes, Total ND 0.098 mg/Kg 1 8/15/2020 5:43:22 AM Surr: 4-Bromofluorobenzene 108 80-120 %Rec 1 8/15/2020 5:43:22 AM

ND

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

в Analyte detected in the associated Method Blank

E Value above quantitation range

T Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 16 of 36

Analyst: MRA

8/16/2020 4:22:29 PM

Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S5, 0"-6" **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:04:00 AM Lab ID: 2008617-017 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses 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 8/14/2020 1:11:25 AM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 8/14/2020 1:11:25 AM Surr: DNOP 50.1 30.4-154 %Rec 8/14/2020 1:11:25 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 8/15/2020 6:06:55 AM 47 mg/Kg 1 Surr: BFB 101 75.3-105 %Rec 1 8/15/2020 6:06:55 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 8/15/2020 6:06:55 AM mg/Kg 1 Toluene ND 8/15/2020 6:06:55 AM 0.047 mg/Kg 1 Ethylbenzene ND 0.047 mg/Kg 1 8/15/2020 6:06:55 AM Xylenes, Total ND 0.094 mg/Kg 1 8/15/2020 6:06:55 AM Surr: 4-Bromofluorobenzene 103 80-120 %Rec 1 8/15/2020 6:06:55 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 200 8/16/2020 4:34:48 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.
 Sample Diluted Due to Matrix
- H 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

- 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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Project: Lab ID: **Analytical Report** Lab Order 2008617

Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Beetle Juice 19 Fed 3H

2008617-018

Client Sample ID: S6, 0"-6" Collection Date: 8/6/2020 10:08:00 AM Received Date: 8/12/2020 7:50:00 AM

| Analyses | Result | RL Qu | ual Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|-----------|----|----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.5 | mg/Kg | 1 | 8/14/2020 1:21:18 AM |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 8/14/2020 1:21:18 AM |
| Surr: DNOP | 60.8 | 30.4-154 | %Rec | 1 | 8/14/2020 1:21:18 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 8/15/2020 6:30:22 AM |
| Surr: BFB | 99.4 | 75.3-105 | %Rec | 1 | 8/15/2020 6:30:22 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: RAA |
| Benzene | ND | 0.025 | mg/Kg | 1 | 8/15/2020 6:30:22 AM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 8/15/2020 6:30:22 AM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 8/15/2020 6:30:22 AM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 8/15/2020 6:30:22 AM |
| Surr: 4-Bromofluorobenzene | 104 | 80-120 | %Rec | 1 | 8/15/2020 6:30:22 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | 360 | 59 | mg/Kg | 20 | 8/16/2020 4:47:10 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
- Н 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

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

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Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S7, 0"-6" **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:12:00 AM Lab ID: 2008617-019 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses 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 8/14/2020 1:31:06 AM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 8/14/2020 1:31:06 AM Surr: DNOP 63.4 30.4-154 %Rec 8/14/2020 1:31:06 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 8/15/2020 6:54:00 AM 4.6 mg/Kg 1 Surr: BFB 100 75.3-105 %Rec 1 8/15/2020 6:54:00 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.023 8/15/2020 6:54:00 AM mg/Kg 1 Toluene ND 8/15/2020 6:54:00 AM 0.046 mg/Kg 1 Ethylbenzene ND 0.046 mg/Kg 1 8/15/2020 6:54:00 AM Xylenes, Total ND 0.093 mg/Kg 1 8/15/2020 6:54:00 AM Surr: 4-Bromofluorobenzene 104 80-120 %Rec 1 8/15/2020 6:54:00 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 5:24:13 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.
 Sample Diluted Due to Matrix

H 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

- 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: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S7, 1' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:16:00 AM Lab ID: 2008617-020 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.5 mg/Kg 1 8/14/2020 1:41:02 AM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 8/14/2020 1:41:02 AM Surr: DNOP 84.0 30.4-154 %Rec 8/14/2020 1:41:02 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 8/15/2020 7:17:31 AM 4.8 mg/Kg 1 Surr: BFB 101 75.3-105 %Rec 1 8/15/2020 7:17:31 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 8/15/2020 7:17:31 AM mg/Kg 1 Toluene ND 8/15/2020 7:17:31 AM 0.048 mg/Kg 1 Ethylbenzene ND 0.048 mg/Kg 1 8/15/2020 7:17:31 AM Xylenes, Total ND 0.096 mg/Kg 1 8/15/2020 7:17:31 AM Surr: 4-Bromofluorobenzene 104 80-120 %Rec 1 8/15/2020 7:17:31 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 8/16/2020 6:25:56 PM 67 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.
 Sample Diluted Due to Matrix

H 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

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: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S7, 2' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:20:00 AM Lab ID: 2008617-021 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.6 mg/Kg 1 8/14/2020 1:50:53 AM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 8/14/2020 1:50:53 AM Surr: DNOP 86.0 30.4-154 %Rec 8/14/2020 1:50:53 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 8/15/2020 7:41:03 AM 4.9 mg/Kg 1 Surr: BFB 98.7 75.3-105 %Rec 1 8/15/2020 7:41:03 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.025 8/15/2020 7:41:03 AM mg/Kg 1 Toluene ND 8/15/2020 7:41:03 AM 0.049 mg/Kg 1 Ethylbenzene ND 0.049 mg/Kg 1 8/15/2020 7:41:03 AM Xylenes, Total ND 0.098 mg/Kg 1 8/15/2020 7:41:03 AM Surr: 4-Bromofluorobenzene 102 80-120 %Rec 1 8/15/2020 7:41:03 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 6:38:16 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.
 Sample Diluted Due to Matrix

H 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

- 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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Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2020 **CLIENT:** Pima Environmental Services LLC Client Sample ID: S7, 3' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:24:00 AM Lab ID: 2008617-022 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.4 mg/Kg 1 8/14/2020 2:00:49 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 8/14/2020 2:00:49 AM Surr: DNOP 95.8 30.4-154 %Rec 8/14/2020 2:00:49 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 8/15/2020 8:04:42 AM 4.9 mg/Kg 1 Surr: BFB 98.4 75.3-105 %Rec 1 8/15/2020 8:04:42 AM **EPA METHOD 8021B: VOLATILES** Analyst: RAA Benzene ND 0.024 8/15/2020 8:04:42 AM mg/Kg 1 Toluene ND 8/15/2020 8:04:42 AM 0.049 mg/Kg 1 Ethylbenzene ND 0.049 mg/Kg 1 8/15/2020 8:04:42 AM Xylenes, Total ND 0.097 mg/Kg 1 8/15/2020 8:04:42 AM Surr: 4-Bromofluorobenzene 102 80-120 %Rec 1 8/15/2020 8:04:42 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 71 8/16/2020 6:50:36 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

в Analyte detected in the associated Method Blank

E Value above quantitation range

T Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 22 of 36

Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S8, 0"-6" **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:28:00 AM Lab ID: 2008617-023 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.4 mg/Kg 1 8/14/2020 2:10:45 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 8/14/2020 2:10:45 AM Surr: DNOP 81.7 30.4-154 %Rec 8/14/2020 2:10:45 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 8/15/2020 2:09:51 PM 4.9 mg/Kg 1 Surr: BFB 101 75.3-105 %Rec 1 8/15/2020 2:09:51 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 8/15/2020 2:09:51 PM mg/Kg 1 Toluene ND 8/15/2020 2:09:51 PM 0.049 mg/Kg 1 Ethylbenzene ND 0.049 mg/Kg 1 8/15/2020 2:09:51 PM Xylenes, Total ND 0.098 mg/Kg 1 8/15/2020 2:09:51 PM Surr: 4-Bromofluorobenzene 104 80-120 %Rec 1 8/15/2020 2:09:51 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 7:02:57 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
- S
 - % Recovery outside of range due to dilution or matrix

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

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Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2020 **CLIENT:** Pima Environmental Services LLC Client Sample ID: S8, 1' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:32:00 AM Lab ID: 2008617-024 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses 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 8/14/2020 2:20:54 AM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 8/14/2020 2:20:54 AM Surr: DNOP 62.1 30.4-154 %Rec 8/14/2020 2:20:54 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 8/15/2020 2:33:32 PM 5.0 mg/Kg 1 Surr: BFB 103 75.3-105 %Rec 1 8/15/2020 2:33:32 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 8/15/2020 2:33:32 PM mg/Kg 1 Toluene ND 8/15/2020 2:33:32 PM 0.050 mg/Kg 1 Ethylbenzene ND 0.050 mg/Kg 1 8/15/2020 2:33:32 PM Xylenes, Total ND 0.099 mg/Kg 1 8/15/2020 2:33:32 PM Surr: 4-Bromofluorobenzene 106 80-120 %Rec 1 8/15/2020 2:33:32 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 7:15:17 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

в Analyte detected in the associated Method Blank

E Value above quantitation range

T Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 24 of 36

Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Client Sample ID: S8, 2' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:36:00 AM Lab ID: 2008617-025 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.3 mg/Kg 1 8/14/2020 2:30:49 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 8/14/2020 2:30:49 AM Surr: DNOP 38.5 30.4-154 %Rec 8/14/2020 2:30:49 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 8/15/2020 2:57:13 PM 47 mg/Kg 1 Surr: BFB 102 75.3-105 %Rec 1 8/15/2020 2:57:13 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.023 8/15/2020 2:57:13 PM mg/Kg 1 Toluene ND 0.047 8/15/2020 2:57:13 PM mg/Kg 1 Ethylbenzene ND 0.047 mg/Kg 1 8/15/2020 2:57:13 PM Xylenes, Total ND 0.094 mg/Kg 1 8/15/2020 2:57:13 PM Surr: 4-Bromofluorobenzene 107 80-120 %Rec 1 8/15/2020 2:57:13 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 7:27:36 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.
 Sample Diluted Due to Matrix

H 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

- 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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Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2020 **CLIENT:** Pima Environmental Services LLC Client Sample ID: S8, 3' **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:40:00 AM Lab ID: 2008617-026 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses 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 8/14/2020 2:40:53 AM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 8/14/2020 2:40:53 AM Surr: DNOP 31.5 30.4-154 %Rec 8/14/2020 2:40:53 AM 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 8/15/2020 3:20:57 PM 5.0 mg/Kg 1 Surr: BFB 100 75.3-105 %Rec 1 8/15/2020 3:20:57 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 8/15/2020 3:20:57 PM mg/Kg 1 Toluene ND 8/15/2020 3:20:57 PM 0.050 mg/Kg 1 Ethylbenzene ND 0.050 mg/Kg 1 8/15/2020 3:20:57 PM Xylenes, Total ND 0.099 mg/Kg 1 8/15/2020 3:20:57 PM Surr: 4-Bromofluorobenzene 105 80-120 %Rec 1 8/15/2020 3:20:57 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 8/16/2020 7:39:57 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

в Analyte detected in the associated Method Blank

E Value above quantitation range

T Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 26 of 36

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/18/2020 **CLIENT:** Pima Environmental Services LLC Client Sample ID: BG 1 **Project:** Beetle Juice 19 Fed 3H Collection Date: 8/6/2020 10:44:00 AM Lab ID: 2008617-027 Matrix: SOIL Received Date: 8/12/2020 7:50:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.8 mg/Kg 1 8/14/2020 2:50:50 AM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 8/14/2020 2:50:50 AM Surr: DNOP 94.6 30.4-154 %Rec 1 8/14/2020 2:50:50 AM FIELD PARAMETERS Analyst: FieldSampler **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.7 8/15/2020 3:44:40 PM mg/Kg 1 Surr: BFB 8/15/2020 3:44:40 PM 103 75.3-105 %Rec 1 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 8/15/2020 3:44:40 PM mg/Kg 1 Toluene ND 0.047 mg/Kg 1 8/15/2020 3:44:40 PM Ethylbenzene ND 0.047 mg/Kg 1 8/15/2020 3:44:40 PM Xylenes, Total ND 0.095 mg/Kg 1 8/15/2020 3:44:40 PM Surr: 4-Bromofluorobenzene 80-120 8/15/2020 3:44:40 PM 107 %Rec 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA

ND

60

mg/Kg

20

8/16/2020 7:52:17 PM

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

Qualifiers:

Chloride

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

в Analyte detected in the associated Method Blank

E Value above quantitation range

T Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 27 of 36

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Project: Beetle Juice 19 Fed 3H

Date Reported: 8/18/2020 Client Sample ID: BG 2 Collection Date: 8/6/2020 10:48:00 AM

| Lab ID: 2008617-028 | Matrix: SOIL | Rece | eived Date: | 8/12/2 | 020 7:50:00 AM |
|--------------------------------|--------------|----------|-------------|--------|----------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.7 | mg/Kg | 1 | 8/14/2020 3:00:53 AM |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 8/14/2020 3:00:53 AM |
| Surr: DNOP | 98.8 | 30.4-154 | %Rec | 1 | 8/14/2020 3:00:53 AM |
| EPA METHOD 8015D: GASOLINE RA | ANGE | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 8/15/2020 4:08:27 PM |
| Surr: BFB | 103 | 75.3-105 | %Rec | 1 | 8/15/2020 4:08:27 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 8/15/2020 4:08:27 PM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 8/15/2020 4:08:27 PM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 8/15/2020 4:08:27 PM |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 8/15/2020 4:08:27 PM |
| Surr: 4-Bromofluorobenzene | 107 | 80-120 | %Rec | 1 | 8/15/2020 4:08:27 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA |
| Chloride | ND | 59 | mg/Kg | 20 | 8/16/2020 8:29:19 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
- S
 - % Recovery outside of range due to dilution or matrix

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

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Project:

Analytical Report Lab Order 2008617

Date Reported: 8/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC Beetle Juice 19 Fed 3H

Client Sample ID: BG 3 Collection Date: 8/6/2020 10:52:00 AM п. nived Deter 8/12/2020 7.50.00 AM

| Lab ID: 2008617-029 | Matrix: SOIL | Received Date: 8/12/2020 7:50:00 AM | | | | | | | |
|----------------------------------|--------------|-------------------------------------|---------|----|----------------------|--|--|--|--|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed | | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: BRM | | | | |
| Diesel Range Organics (DRO) | ND | 9.8 | mg/Kg | 1 | 8/14/2020 3:11:02 AM | | | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 8/14/2020 3:11:02 AM | | | | |
| Surr: DNOP | 88.0 | 30.4-154 | %Rec | 1 | 8/14/2020 3:11:02 AM | | | | |
| EPA METHOD 8015D: GASOLINE RANGI | E | | | | Analyst: NSB | | | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 8/15/2020 4:32:18 PM | | | | |
| Surr: BFB | 104 | 75.3-105 | %Rec | 1 | 8/15/2020 4:32:18 PM | | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB | | | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 8/15/2020 4:32:18 PM | | | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 8/15/2020 4:32:18 PM | | | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 8/15/2020 4:32:18 PM | | | | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 8/15/2020 4:32:18 PM | | | | |
| Surr: 4-Bromofluorobenzene | 109 | 80-120 | %Rec | 1 | 8/15/2020 4:32:18 PM | | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: MRA | | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 8/16/2020 8:41:39 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
- S
 - % Recovery outside of range due to dilution or matrix

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: | Pima Envir | | | es LLC | | | | | | | |
|----------------|--------------------|-------------|------------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Project: | Beetle Juice | e 19 Fed 3 | 3H | | | | | | | | |
| Sample ID: MB | 8-54447 | SampTy | pe: mb | lk | Tes | tCode: El | PA Method | 300.0: Anions | 6 | | |
| Client ID: PB | S | Batch | ID: 54 4 | 147 | F | RunNo: 7 | 1150 | | | | |
| Prep Date: 8/ | 1 6/2020 A | Analysis Da | ate: 8/ * | 16/2020 | S | SeqNo: 2 | 480659 | 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 | S-54447 | SampTy | pe: Ics | | Tes | tCode: El | PA Method | 300.0: Anions | 6 | | |
| Client ID: LC | SS | Batch | ID: 54 4 | 147 | F | RunNo: 7 | 1150 | | | | |
| Prep Date: 8/ | 1 6/2020 A | Analysis Da | ate: 8/ * | 16/2020 | 5 | SeqNo: 2 | 480660 | 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 | 94.6 | 90 | 110 | | | |
| Sample ID: MB | 3-54448 | SampTy | pe: mb | lk | Tes | tCode: El | PA Method | 300.0: Anions | 5 | | |
| Client ID: PB | S | Batch | ID: 54 4 | 148 | F | lunNo: 7 | 1150 | | | | |
| Prep Date: 8/ | / 16/2020 A | Analysis Da | ate: 8/ * | 16/2020 | S | SeqNo: 2 | 480689 | 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 | S-54448 | SampTy | pe: Ics | | Tes | tCode: El | PA Method | 300.0: Anions | 3 | | |
| Client ID: LC: | SS | Batch | ID: 544 | 148 | F | RunNo: 7 | 1150 | | | | |
| Prep Date: 8/ | 1 6/2020 A | Analysis Da | ate: 8/ * | 16/2020 | S | eqNo: 2 | 480690 | 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 | 94.2 | 90 | 110 | | | |

Qualifiers:

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

- 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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2008617

18-Aug-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Project: | Pima Envi Beetle Jui | | | es LLC | | | | | | | |
|--|--|--|--|--|---|---|--|--|--|------------------------|------|
| Sample ID: | 2008617-011AMS | 3617-011AMS SampType: MS | | | | tCode: EF | PA Method | 8015M/D: Die | sel Range | e Organics | |
| Client ID: | S3, 2 | Batch ID: 54381 | | | R | tunNo: 7 1 | 070 | | | | |
| Prep Date: | 8/12/2020 | Analysis E | Date: 8/ | 14/2020 | S | SeqNo: 24 | 176930 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C Surr: DNOP | Drganics (DRO) | 58 5.3 | 9.4 | 46.86 4.686 | 0 | 124 112 | 47.4 30.4 | 136 154 | | | |
| Sample ID: | 2008617-011AMSD | Samp1 | Гуре: МS | D | Tes | tCode: EF | PA Method | 8015M/D: Die | sel Range | e Organics | |
| Client ID: | S3, 2 | Batc | h ID: 54: | 381 | R | unNo: 7 1 | 070 | | | | |
| Prep Date: | 8/12/2020 | Analysis D | Date: 8/ | 14/2020 | S | SeqNo: 24 | 176931 | Units: mg/K | 9 | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (DRO) | 52 | 10 | 49.95 | 0 | 105 | 47.4 | 136 | 10.7 | 43.4 | |
| Surr: DNOP | | 4.4 | | 4.995 | | 87.9 | 30.4 | 154 | 0 | 0 | |
| Sample ID: | LCS-54375 | SampT | Type: LC | S | Tes | tCode: EF | PA Method | 8015M/D: Die | sel Range | e Organics | |
| Client ID: | LCSS | Batc | h ID: 543 | 375 | R | lunNo: 7 1 | 070 | | | | |
| Prep Date: | 8/12/2020 | Analysis E | Date: 8/ | 13/2020 | S | SeqNo: 24 | 176999 | Units: %Rec | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | | 5.1 | | 5.000 | | 101 | 30.4 | 154 | | | |
| Sample ID: | LCS-54378 | SampT | Type: LC | S | Tes | tCode: EF | A Method | 8015M/D: Die | sel Range | e Organics | |
| Client ID: | | | | | - | RunNo: 7 1 | 070 | | | | |
| | LCSS | Batc | h ID: 54: | 378 | R | | 070 | | | | |
| Prep Date: | LCSS 8/12/2020 | Batcl Analysis E | - | | | SeqNo: 24 | | Units: mg/K | g | | |
| Prep Date: Analyte | | | - | 13/2020 | | | | Units: mg/K g HighLimit | g %RPD | RPDLimit | Qual |
| Analyte | | Analysis E | Date: 8/ | 13/2020 | S | SeqNo: 24 | 77001 | _ | - | RPDLimit | Qual |
| Analyte | 8/12/2020 | Analysis E Result | Date: 8/ PQL | 13/2020 SPK value | SPK Ref Val | SeqNo: 24 %REC | 177001 LowLimit | HighLimit | - | RPDLimit | Qual |
| Analyte Diesel Range C Surr: DNOP | 8/12/2020 | Analysis E Result 56 5.1 | Date: 8/ PQL | 13/2020 SPK value 50.00 5.000 | SPK Ref Val 0 | SeqNo: 24 %REC 112 102 | LowLimit 70 30.4 | HighLimit 130 | %RPD | | Qual |
| Analyte Diesel Range C Surr: DNOP | 8/12/2020 Drganics (DRO) LCS-54381 | Analysis I Result 56 5.1 SampT | Date: 8/ PQL 10 | 13/2020 SPK value 50.00 5.000 | SPK Ref Val 0 Tes | SeqNo: 24 %REC 112 102 | 477001 LowLimit 70 30.4 PA Method | HighLimit 130 154 | %RPD | | Qual |
| Analyte Diesel Range C Surr: DNOP Sample ID: Client ID: | 8/12/2020 Drganics (DRO) LCS-54381 | Analysis I Result 56 5.1 SampT | Date: 8/ PQL 10 | 13/2020 SPK value 50.00 5.000 S 381 | SPK Ref Val 0 Tes: R | SeqNo: 24 %REC 112 102 tCode: EF | 477001 LowLimit 70 30.4 PA Method | HighLimit 130 154 | %RPD | | Qual |
| Analyte Diesel Range C Surr: DNOP Sample ID: Client ID: | 8/12/2020 Drganics (DRO) LCS-54381 LCSS | Analysis E Result 56 5.1 Samp Batc | Date: 8/ PQL 10 | 13/2020 SPK value 50.00 5.000 S 381 13/2020 | SPK Ref Val 0 Tes: R | SeqNo: 24 %REC 112 102 102 tCode: EF RunNo: 71 SeqNo: 24 | 477001 LowLimit 70 30.4 PA Method | HighLimit 130 154 8015M/D: Die | %RPD | | Qual |
| Analyte Diesel Range C Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range C | 8/12/2020 Drganics (DRO) LCS-54381 LCSS | Analysis E Result 56 5.1 Samp Batc Analysis E Result 61 | Date: 8/ PQL 10 Type: LC h ID: 54: Date: 8/ | 13/2020 SPK value 50.00 5.000 S 381 13/2020 SPK value 50.00 | SPK Ref Val 0 Tes R S | GeqNo: 24 %REC 112 102 tCode: EF RunNo: 71 GeqNo: 24 %REC 122 | 477001 LowLimit 70 30.4 PA Method 1070 477002 LowLimit 70 | HighLimit 130 154 8015M/D: Die Units: mg/Ke HighLimit 130 | %RPD sel Range | e Organics | |
| Analyte Diesel Range (Surr: DNOP Sample ID: Client ID: Prep Date: Analyte | 8/12/2020 Drganics (DRO) LCS-54381 LCSS 8/12/2020 | Analysis I Result 56 5.1 Samp Batcl Analysis I Result | Date: 8/ PQL 10 Fype: LC h ID: 54: Date: 8/ PQL | 13/2020 SPK value 50.00 5.000 S 381 13/2020 SPK value | SPK Ref Val 0 Tes R SPK Ref Val | SeqNo: 24 %REC 112 102 tCode: EF RunNo: 71 SeqNo: 24 %REC | 477001 LowLimit 70 30.4 PA Method 1070 177002 LowLimit | HighLimit 130 154 8015M/D: Die Units: mg/Kg HighLimit | %RPD sel Range | e Organics | |
| Analyte Diesel Range C Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range C | 8/12/2020 Drganics (DRO) LCS-54381 LCSS 8/12/2020 Drganics (DRO) | Analysis I Result 56 5.1 Samp Batc Analysis I Result 61 5.3 | Date: 8/ PQL 10 Fype: LC h ID: 54: Date: 8/ PQL | 13/2020 SPK value 50.00 5.000 S 381 13/2020 SPK value 50.00 5.000 | SPK Ref Val 0 Tes: F SPK Ref Val 0 | SeqNo: 24 %REC 112 102 102 tCode: EF RunNo: 71 SeqNo: 24 %REC 122 106 106 | 477001 LowLimit 70 30.4 PA Method 1070 477002 LowLimit 70 30.4 | HighLimit 130 154 8015M/D: Die Units: mg/Ke HighLimit 130 | %RPD sel Range g %RPD | e Organics RPDLimit | |
| Analyte Diesel Range (Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range (Surr: DNOP Sample ID: | 8/12/2020 Drganics (DRO) LCS-54381 LCSS 8/12/2020 Drganics (DRO) | Analysis I Result 56 5.1 Samp1 Batcl Analysis I Result 61 5.3 | Date: 8 / PQL 10 Type: LC h ID: 54 : Date: 8 / PQL 10 | 13/2020 SPK value 50.00 5.000 S 381 13/2020 SPK value 50.00 5.000 5.000 | SPK Ref Val 0 Tes SPK Ref Val 0 Tes | SeqNo: 24 %REC 112 102 102 tCode: EF RunNo: 71 SeqNo: 24 %REC 122 106 106 | LowLimit 70 30.4 PA Method 1070 177002 LowLimit 70 30.4 PA Method | HighLimit 130 154 8015M/D: Die Units: mg/Kg HighLimit 130 154 | %RPD sel Range g %RPD | e Organics RPDLimit | |
| Analyte Diesel Range (Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range (Surr: DNOP Sample ID: | 8/12/2020 Drganics (DRO) LCS-54381 LCSS 8/12/2020 Drganics (DRO) MB-54375 PBS | Analysis I Result 56 5.1 Samp1 Batcl Analysis I Result 61 5.3 | Date: 8 / PQL 10 Fype: LC h ID: 54 Date: 8 / PQL 10 Fype: ME h ID: 54 | 13/2020 SPK value 50.00 5.000 S 381 13/2020 SPK value 50.00 5.000 SLK 375 | SPK Ref Val 0 Tes: SPK Ref Val 0 Tes: R | BeqNo: 24 %REC 112 102 102 tCode: EF RunNo: 71 SeqNo: 24 %REC 122 106 tCode: EF | A77001 LowLimit 70 30.4 PA Method 1070 477002 LowLimit 70 30.4 PA Method 1070 | HighLimit 130 154 8015M/D: Die Units: mg/Kg HighLimit 130 154 | %RPD sel Range %RPD sel Range | e Organics RPDLimit | |
| Analyte Diesel Range (Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range (Surr: DNOP Sample ID: Client ID: | 8/12/2020 Drganics (DRO) LCS-54381 LCSS 8/12/2020 Drganics (DRO) MB-54375 PBS | Analysis I Result 56 5.1 Samp Batc Analysis I Result 61 5.3 Samp Batc | Date: 8 / PQL 10 Fype: LC h ID: 54 Date: 8 / PQL 10 Fype: ME h ID: 54 | 13/2020 SPK value 50.00 5.000 S 381 13/2020 SPK value 50.00 5.000 5.000 SLK 375 13/2020 | SPK Ref Val 0 Tes: SPK Ref Val 0 Tes: R | BeqNo: 24 %REC 112 102 102 tCode: EF RunNo: 71 BeqNo: 24 %REC 122 106 122 tCode: EF tCode: EF 122 106 tCode: EF tunNo: 71 | A77001 LowLimit 70 30.4 PA Method 1070 477002 LowLimit 70 30.4 PA Method 1070 | HighLimit 130 154 8015M/D: Die Units: mg/Kg HighLimit 130 154 8015M/D: Die | %RPD sel Range %RPD sel Range | e Organics RPDLimit | |

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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| Client: Pima E | Invironmenta | l Servic | es LLC | | | | | | | |
|--------------------------------|--------------|-----------------|-----------|-------------|-----------------|------------|--------------------|-----------|------------|------|
| Project: Beetle | Juice 19 Fed | 3H | | | | | | | | |
| Sample ID: MB-54378 | Tes | tCode: El | PA Method | 8015M/D: Di | esel Rang | e Organics | | | | |
| Client ID: PBS | Batcl | Batch ID: 54378 | | | RunNo: 7 | 1070 | | | | |
| Prep Date: 8/12/2020 | Analysis D | Date: 8/ | 13/2020 | S | SeqNo: 24 | 477005 | Units: mg/H | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 10 | | 10.00 | | 99.6 | 30.4 | 154 | | | |
| Sample ID: MB-54381 | SampT | Гуре: МЕ | BLK | Tes | tCode: El | PA Method | 8015M/D: Di | esel Rang | e Organics | |
| Client ID: PBS | Batcl | h ID: 54 | 381 | F | RunNo: 7 | 1070 | | | | |
| Prep Date: 8/12/2020 | Analysis D | Date: 8/ | 13/2020 | S | SeqNo: 24 | 477006 | Units: mg/H | ٢g | | |
| 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 | 11 | | 10.00 | | 107 | 30.4 | 154 | | | |

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.

| Client: Project: | | ironmental | | es LLC | | | | | | | |
|---------------------|------------------|-------------|----------------|-----------|-------------|-------------------|-----------|-------------|-----------|----------|------|
| Sample ID: | 2008617-014ams | SampTy | /pe: MS | 5 | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | S4, 1' | Batch | ID: 54 | 376 | F | unNo: 7 | 1098 | | | | |
| Prep Date: | 8/12/2020 | Analysis Da | ate: 8/ | 15/2020 | S | SeqNo: 24 | 477925 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 20 | 4.9 | 24.44 | 0 | 83.4 | 61.3 | 114 | | | |
| Surr: BFB | | 1100 | | 977.5 | | 110 | 75.3 | 105 | | | S |
| Sample ID: | 2008617-014amsd | SampTy | /pe: MS | D | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | S4, 1' | Batch | ID: 54 | 376 | F | lunNo: 7 | 1098 | | | | |
| Prep Date: | 8/12/2020 | Analysis Da | ate: 8/ | 15/2020 | S | SeqNo: 24 | 477926 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 21 | 4.8 | 23.85 | 0 | 89.1 | 61.3 | 114 | 4.22 | 20 | |
| Surr: BFB | | 1100 | | 954.2 | | 111 | 75.3 | 105 | 0 | 0 | S |
| Sample ID: | lcs-54376 | SampTy | /pe: LC | S | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | LCSS | Batch | ID: 54 | 376 | F | anNo: 7 | 1098 | | | | |
| Prep Date: | 8/12/2020 | Analysis Da | ate: 8/ | 14/2020 | S | SeqNo: 24 | 477936 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 23 | 5.0 | 25.00 | 0 | 93.4 | 72.5 | 106 | | | |
| Surr: BFB | | 1100 | | 1000 | | 112 | 75.3 | 105 | | | S |
| Sample ID: | mb-54376 | SampTy | /pe: ME | BLK | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | PBS | Batch | ID: 54 | 376 | F | RunNo: 7 ′ | 1098 | | | | |
| Prep Date: | 8/12/2020 | Analysis Da | ate: 8/ | 14/2020 | S | SeqNo: 24 | 477938 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| | e Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | | 980 | | 1000 | | 98.0 | 75.3 | 105 | | | |

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.

| Analysic Batch ID: 54376 RunNo: 71098 Units: mg/Kg Analysis Date: 8/12/2020 Analysis Date: 8/15/2020 SeqNo: 2477958 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val VAREC LowLinit HighLinit %RPD RPDLinit Qual Ianzane 0.87 0.024 0.9653 0 91.3 76.3 120 Qual Units: 0.99 0.048 0.9533 0 96.7 78.1 124 0.93 103 80 120 Stripter St | Client: Pima Env Project: Beetle Jui | | | es LLC | | | | | | | |
|---|---|-------------------|-----------------|-----------|-------------|-------------------|-----------|-------------|--------|----------|------|
| Prep Date: 8/12/2020 Analysis Date: 8/15/2020 Seq.No: 2 477 958 Units: mg/kg Analyte Result PQL SPK value SPK Ref Val %REC LowLinit HighLinit %RPD RPDLinit Qual Ierezene 0.87 0.024 0.9533 0 91.3 76.3 120 Value | Sample ID: 2008617-013ams | Samp ⁻ | Гуре: МS | 6 | Tes | tCode: EF | PA Method | 8021B: Vola | tiles | | |
| Analyte Result POL SPK value SPK Ref Val %REf Val <th< th=""><th>Client ID: S4, 0"-6"</th><th>Batc</th><th>h ID: 54:</th><th>376</th><th>F</th><th>RunNo: 7′</th><th>1098</th><th></th><th></th><th></th><th></th></th<> | Client ID: S4, 0"-6" | Batc | h ID: 54: | 376 | F | RunNo: 7 ′ | 1098 | | | | |
| Intervane 0.87 0.024 0.9533 0 91.3 76.3 120 oluene 0.90 0.048 0.9533 0 94.3 76.5 120 viluene 0.90 0.048 0.9533 0 96.7 78.1 124 Vilenes, Total 2.8 0.095 2.860 0.01585 96.1 79.3 125 Samr.4.Bromofluorobenzene 0.98 0.9533 103 80 120 Sample ID: SA4, 0*-6" Batch ID: 54376 RunNo: 71098 TestCode: EPA Method 8021B: Volatiles Prep Date: 8/12/2020 Analysis Date: 8/15/2020 SeqNo: 2477959 Units: mg/Kg Analyte Result PQL SPK Ref Value SPK Ref Val %REC LowLimit HighLimit 9.0.02 20 Vilenes, Total 2.8 0.047 0.9425 0 95.4 78.5 120 0.0118 20 Surr 4.Bromofluorobenzene 0.92 0.047 0.942.5 0 97.4 | Prep Date: 8/12/2020 | Analysis [| Date: 8/ | 15/2020 | S | SeqNo: 24 | 477958 | Units: mg/k | ٢g | | |
| Outene 0.90 0.048 0.9533 0 94.3 78.5 120 thylkenzene 0.92 0.048 0.9533 0 96.7 78.1 124 Synens, Total 2.8 0.905 2.80 0.01585 96.1 79.3 125 Sum; 4.Bromofluorobenzene 0.98 0.9533 103 80 120 Sample ID: Sd096.7 6* Batch ID: 54376 RunNo: 71098 Units: mg/Kg Client ID: S4,0*6* Batch ID: 54376 RunNo: 71098 Units: mg/Kg Prop Date: 8/12/2020 Analysis Date: 8/15/2020 SeqNo: 2477959 Units: mg/Kg Ienzene 0.97 0.024 0.9425 0 91.8 76.3 120 0.014 20 Upines, Total 2.8 0.094 2.828 0.01585 78.1 124 0.468 20 Upines, Total 2.8 0.9425 0 97.4 78.1 124 0.468 20 <t< th=""><th>Analyte</th><th>Result</th><th>PQL</th><th>SPK value</th><th>SPK Ref Val</th><th>%REC</th><th>LowLimit</th><th>HighLimit</th><th>%RPD</th><th>RPDLimit</th><th>Qual</th></t<> | Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| thylenzene 0.92 0.048 0.9533 0 96.7 78.1 124 Vjenes, Total 2.8 0.095 2.800 0.01585 96.1 79.3 125 Surr. 4Bromofluorobenzene 0.98 0.9533 0.01585 96.1 79.3 125 Sample ID: 2008617-013amsd SampType: MSU TestCode: EPA Method 2021B: Volatiles Client ID: \$4,0"-6" Batch ID: 54376 RunNo: 70.3 120 0.526 20 Analyte Result POL SPK ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Venes, Total 0.97 0.9425 0 95.4 76.3 120 0.526 20 Venes, Total 2.8 0.09425 0 97.4 78.1 124 0.468 20 Venes, Total 2.8 0.0947 0.9425 95.4 78.3 120 0.018 20 Surr. 4Bromofluorobenzene 0.92 0.047 0.9425 104 80 120 0 0 | Benzene | 0.87 | 0.024 | 0.9533 | 0 | 91.3 | 76.3 | 120 | | | |
| Openes, Total 2.8 0.095 2.80 0.01585 96.1 79.3 125 Surr, 4-Bromofluorobenzene 0.98 0.9533 103 80 120 Sample ID: 2008617-013amsd SampType: MS TestCode: EPA Method 8021B: Volatiles Client ID: \$4, 0"-6" Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 Analysis Date: 8/15/2020 SeqNo: 2477559 Units: mg/Kg Analyte Result PQL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Venzene 0.94 0.9425 0 97.4 78.5 120 0.0118 20 Surr-4Bromofluorobenzene 0.92 0.047 0.9425 0 97.4 78.1 124 0.468 20 Surr-4Bromofluorobenzene 0.98 0.9425 0 97.4 78.1 124 0.468 20 0 0 50 50.59 <t< td=""><td>Toluene</td><td>0.90</td><td>0.048</td><td>0.9533</td><td>0</td><td>94.3</td><td>78.5</td><td>120</td><td></td><td></td><td></td></t<> | Toluene | 0.90 | 0.048 | 0.9533 | 0 | 94.3 | 78.5 | 120 | | | |
| Surr 4-Brome/luonobenzene 0.98 0.9533 103 80 120 Sample ID: 2008617-013amsd SampType: MSD TestCode: EPA Method BOULS: Volume Vol | Ethylbenzene | 0.92 | 0.048 | 0.9533 | 0 | 96.7 | 78.1 | 124 | | | |
| Sample ID: 2008617-013amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles Client ID: 54, 0°-6" Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 Analysis Date: 8/15/2020 SeqNo: 2477959 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Brezzne 0.90 0.047 0.9425 0 95.4 76.3 120 0.526 20 Silvylenes, Total 2.8 0.094 2.826 0.97.4 78.1 124 0.468 20 Sumr4-Bromofluorobenzene 0.92 0.047 0.9425 0 97.4 78.1 124 0.468 20 Surr: 4-Bromofluorobenzene 0.98 0.9425 104 80 120 0 0 Sample ID: LCS-54376 SampType: LCS TestCode: EPA Method 8021B: Volatiles Volatiles Volatiles Volatiles Volatiles Volatiles Volatiles Volatiles Volatiles | Xylenes, Total | 2.8 | 0.095 | 2.860 | 0.01585 | 96.1 | 79.3 | 125 | | | |
| Client ID: S4, 0"-6" Batch ID: 54376 RunNo: 71998 Prep Date: 8/12/2020 Analysis Date: 8/15/2020 SeqNo: 2477959 Units: mg/g Analyte Result PQL SPK value SPK Nef Val %REC LowLimit HighLimit %RPD RPDLimit Qual Jenzene 0.87 0.024 0.9425 0 95.4 76.3 120 0.526 20 Signee, Total 2.8 0.094 0.9425 0 97.4 78.1 124 0.468 20 Surr.4-Bromofluorobenzene 0.92 0.047 0.9425 0 97.8 79.3 125 0.592 20 0 0 Surr.4-Bromofluorobenzene 0.98 0.9425 104 80 120 | Surr: 4-Bromofluorobenzene | 0.98 | | 0.9533 | | 103 | 80 | 120 | | | |
| Prep Date: 8/12/2020 Analysis Date: 8/15/2020 SeqNo: 2477959 Units: mg/s Analyte Result POL SPK value SPK Net Value NREC LowLimit HighLimit %RPD RPDLimit Qual Berzene 0.87 0.024 0.9425 0 91.8 76.3 120 0.526 20 Stitubionene 0.90 0.047 0.9425 0 97.4 78.1 124 0.468 20 Stitubionene 0.92 0.047 0.9425 0 97.4 78.1 124 0.468 20 Stitubionene 0.92 0.047 0.9425 0 97.4 78.1 124 0.468 20 Stitubionene 0.92 0.047 0.9425 10.4 80 120 0 0 0 Surr 4-Bromofulorobenzene 0.98 0.0125 TestCode: EPA Method 8021B: Volatilez Valatilez Valatilez Valatilez Valatilez Valatilez | Sample ID: 2008617-013amsd | Samp | Гуре: МS | SD | Tes | tCode: EF | PA Method | 8021B: Vola | tiles | | |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Jenzane 0.987 0.024 0.9425 0 91.8 76.3 120 0.526 20 Solure 0.90 0.047 0.9425 0 95.4 78.5 120 0.0118 20 Solure 0.92 0.047 0.9425 0 97.4 78.1 124 0.468 20 Syster.4-Bromofluorobenzene 0.98 0.09425 104 80 120 0 0 0 Surt.4-Bromofluorobenzene 0.98 0.9425 104 80 120 0 <td>Client ID: \$4, 0"-6"</td> <td>Batc</td> <td>h ID: 54:</td> <td>376</td> <td>F</td> <td>RunNo: 7′</td> <td>1098</td> <td></td> <td></td> <td></td> <td></td> | Client ID: \$4, 0"-6" | Batc | h ID: 54: | 376 | F | RunNo: 7 ′ | 1098 | | | | |
| benzene 0.87 0.024 0.9425 0 91.8 76.3 120 0.526 20 oluene 0.90 0.047 0.9425 0 95.4 78.5 120 0.0118 20 bithylbenzene 0.92 0.047 0.9425 0 97.4 78.1 124 0.468 20 Surr. 4.Bromofluorobenzene 0.98 0.9425 104 80 120 0 0 Samr, L.Bromofluorobenzene 0.98 0.9425 104 80 120 0 0 Samr, L.Bromofluorobenzene 0.98 0.9425 104 80 120 0 0 Sample ID: LCS-54376 SampType: LCS TestCode: EPA Method 8021B: Volatiles 120 0 0 0 Sample ID: LCS-54376 SampType: LCS TestCode: EPA Method 8021B: Volatiles 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 | Prep Date: 8/12/2020 | Analysis [| Date: 8/ | 15/2020 | S | SeqNo: 24 | 477959 | Units: mg/k | ζg | | |
| Toluene 0.90 0.047 0.9425 0 95.4 78.5 120 0.0118 20 Strybenzene 0.92 0.047 0.9425 0 97.4 78.1 124 0.468 20 Strysens, Total 2.8 0.094 2.828 0.01585 97.8 79.3 125 0.592 20 Surr, 4-Bromofluorobenzene 0.98 0.9425 104 80 120 0.592 20 Sample ID: LCS-Sta376 SampType: LCS TestCode: EPA Method 8021B: Volatiles Prep Date: 8/12/2020 Analyts Date: 8/14/2020 SeqNo: 2477969 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Jenarene 0.95 0.025 1.000 0 95.9 80 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 120 | Analyte | Result | PQL | | SPK Ref Val | %REC | | HighLimit | | RPDLimit | Qual |
| Stripplenzene 0.92 0.047 0.942 0 97.4 78.1 124 0.468 20 Surr. 4-Bromofluorobenzene 0.98 0.942 2.828 0.01585 97.8 79.3 125 0.592 20 Surr. 4-Bromofluorobenzene 0.98 0.9425 Test Code: $P7.8$ 79.3 125 0.592 20 Sample ID: LCS-54376 SampType: LCs Fest Code: PA Method 8021B: $Volatiles$ $Volatiles$ Client ID: LCSS Bath ID: 54376 RunNo: 71098 Units: mg/Kg Prep Date: $g/12/2020$ Analysis $Path$ SPK value SPK value SPK value SPK value $SeqNo:$ 2477969 Units: mg/Kg Analyte Result PQL SPK value SPK value SPK value SPK value SPK value SPL value | Benzene | 0.87 | 0.024 | 0.9425 | 0 | 91.8 | 76.3 | 120 | 0.526 | 20 | |
| Kylenes, Total 2.8 0.094 2.828 0.01585 97.8 79.3 125 0.592 20 Surr: 4-Bromofluorobenzene 0.98 0.9425 104 80 120 0 0 Sample ID: LCS-54376 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 Analysis Date: 8/14/2020 SeqNo: 2477969 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Jenzene 0.95 0.025 1.000 0 95.9 80 120 Sectore | Toluene | 0.90 | 0.047 | 0.9425 | 0 | 95.4 | 78.5 | 120 | 0.0118 | 20 | |
| Surr. 4-Bromofluorobenzene 0.98 0.9425 104 80 120 0 0 Sample ID: LCS-54376 SampType: LCS TestCode: EPA Method 8021B: Volatiles Image: Constraint of the state sta | Ethylbenzene | 0.92 | 0.047 | 0.9425 | 0 | 97.4 | 78.1 | 124 | 0.468 | 20 | |
| Sample ID: LCS-54376 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 Analysis Date: 8/14/2020 SeqNo: 2477969 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Jenzene 0.95 0.025 1.000 0 94.7 80 120 Joluene 0.96 0.050 1.000 0 95.9 80 120 Striptberzene 0.96 0.050 1.000 96.9 80 120 Surr: 4-Bromofluorobenzene 1.0 1.000 105 80 120 Sample ID: mb-54376 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 Analysis Date: | Xylenes, Total | 2.8 | 0.094 | 2.828 | 0.01585 | 97.8 | 79.3 | 125 | 0.592 | 20 | |
| Client ID:LCSSBatch ID:54376RunNo: $r1098$ Prep Date:8/12/2020Analysis Date: $8/14/2020$ SeqNo: 2477969 Units: mg/Kg AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualBeazene0.950.0251.000094.780120Jouene0.960.0501.000095.980120Sthybenzene0.960.0501.000096.180120Sur: 4-Bromofiluorobenzene1.03.000096.980120Sample ID:mb-54376SampTye:MBLKTestCode:EV Method S021B:VolutiSample ID:PBSBatch ID:54376SampTye:814/2020SeqNo: 2477970 Units:mg/KgPrep Date:8/12/2020Analysis Date:8/14/2020SeqNo: 2477970 Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualBatch ID:SHSeqNo: 2477970 Units:mg/KgSeqNo: 2477970 Units:Mg/Limit%RPDRPDLimitQualBatch ID:SPK valueSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualBatch ID:SPK valueSPK valueSPK Ref Val%RECLowLimitHighLimit% | Surr: 4-Bromofluorobenzene | 0.98 | | 0.9425 | | 104 | 80 | 120 | 0 | 0 | |
| Prep Date: 8/12/2020 Analysis Date: 8/14/2020 SeqNo: 2477969 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Jenzene 0.95 0.025 1.000 0 94.7 80 120 <td>Sample ID: LCS-54376</td> <td>Samp</td> <td>Гуре: LC</td> <td>S</td> <td>Tes</td> <td>tCode: EF</td> <td>PA Method</td> <td>8021B: Vola</td> <td>tiles</td> <td></td> <td></td> | Sample ID: LCS-54376 | Samp | Гуре: LC | S | Tes | tCode: EF | PA Method | 8021B: Vola | tiles | | |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Jenzene 0.95 0.025 1.000 0 94.7 80 120 Joluene 0.96 0.050 1.000 0 95.9 80 120 Soluene 0.96 0.050 1.000 0 96.1 80 120 Sthylbenzene 0.96 0.050 1.000 0 96.9 80 120 Surr: 4-Bromofluorobenzene 1.0 1.000 105 80 120 120 Sample ID: mb-54376 SampType: MBLK TestCode: EPA Method 8021B: Volatiles 120 120 120 120 Sample ID: mb-54376 SampType: MBLK TestCode: EPA Method 8021B: Volatiles 120 | Client ID: LCSS | Batc | h ID: 54 | 376 | F | RunNo: 7 ′ | 1098 | | | | |
| Benzene 0.95 0.025 1.000 0 94.7 80 120 Foluene 0.96 0.050 1.000 0 95.9 80 120 Sthylbenzene 0.96 0.050 1.000 0 96.1 80 120 Sthylbenzene 0.96 0.050 1.000 0 96.1 80 120 Surr: 4-Bromofluorobenzene 1.0 3.000 0 96.9 80 120 Sample ID: mb-54376 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 Analysis Date: 8/14/2020 SeqNo: 2477970 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 0.025 SeqNo: 2477970 Units: MRPD ND | Prep Date: 8/12/2020 | Analysis [| Date: 8/ | 14/2020 | 5 | SeqNo: 24 | 477969 | Units: mg/k | ٢g | | |
| Toluene 0.96 0.050 1.000 0 95.9 80 120 Sthylbenzene 0.96 0.050 1.000 0 96.1 80 120 Sylenes, Total 2.9 0.10 3.000 0 96.9 80 120 Surr 4-Bromofluorobenzene 1.0 1.000 0 96.9 80 120 Sample ID: mb-54376 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Volatiles Client ID: PBS Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 SeqNo: 2477970 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 0.025 SeqNo: 2477970 Units: mg/Kg Units: mg/Kg Units: mg/Kg Units: mg/Kg Senzene ND 0.025 SeqNo: 2477970 Units: mg/Kg Units: mg/Kg Senzene ND 0.050 SeqNo: 2477970 Units: mg/Kg Units: mg/Kg Senzene ND 0.050 SeqNo: 24779 | Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| 1000 0 96.1 80 120 1000 1000 96.9 80 120 1000 1000 105 80 120 1000 1000 105 80 120 1000 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 105 80 120 1000 | Benzene | 0.95 | 0.025 | 1.000 | 0 | 94.7 | 80 | 120 | | | |
| Kylenes, Total 2.9 0.10 3.000 0 96.9 80 120 Surr: 4-Bromofluorobenzene 1.0 1.000 105 80 120 Sample ID: mb-54376 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 Analysis Date: 8/14/2020 SeqNo: 2477970 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 0.050 Sthylbenzene ND 0.050 Sthylbenzene ND 0.050 | Toluene | 0.96 | 0.050 | 1.000 | 0 | 95.9 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene 1.0 1.000 105 80 120 Sample ID: mb-54376 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 Analysis Date: 8/14/2020 SeqNo: 2477970 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 0.025 Solution Solut | Ethylbenzene | 0.96 | 0.050 | 1.000 | 0 | 96.1 | 80 | 120 | | | |
| Sample ID: mb-54376 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 Analysis Date: 8/14/2020 SeqNo: 2477970 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 0.025 | Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 96.9 | 80 | 120 | | | |
| Client ID: PBS Batch ID: 54376 RunNo: 71098 Prep Date: 8/12/2020 Analysis Date: 8/14/2020 SeqNo: 2477970 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 0.025 | Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 105 | 80 | 120 | | | |
| Prep Date: 8/12/2020 Analysis Date: 8/14/2020 SeqNo: 2477970 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 0.025 | Sample ID: mb-54376 | Samp | Гуре: МЕ | BLK | Tes | tCode: EF | PA Method | 8021B: Vola | tiles | | |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 0.025 Foluene ND 0.050 Ethylbenzene ND 0.050 | Client ID: PBS | Batc | h ID: 54: | 376 | F | RunNo: 7 ' | 1098 | | | | |
| Benzene ND 0.025 Foluene ND 0.050 Ethylbenzene ND 0.050 | Prep Date: 8/12/2020 | Analysis [| Date: 8/ | 14/2020 | S | SeqNo: 24 | 477970 | Units: mg/k | ٢g | | |
| Toluene ND 0.050 Ethylbenzene ND 0.050 | Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| thylbenzene ND 0.050 | Benzene | ND | 0.025 | | | | | | | | |
| | Toluene | ND | 0.050 | | | | | | | | |
| | Ethylbenzene | ND | 0.050 | | | | | | | | |
| (ylenes, Total ND 0.10 | Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene 1.0 1.000 101 80 120 | | 1.0 | | 1.000 | | 101 | 80 | 120 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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| WO#: | 2008617 |
|------|---------|
| | |

18-Aug-20

=

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Pima E | Environmenta | al Servic | es LLC | | | | | | | |
|--|--|--|--|-------------|---|---|--|------------|----------|------|
| Project: Beetle | Juice 19 Fed | 1 3H | | | | | | | | |
| Sample ID: Ics-54366 | Samp1 | Гуре: LC | S4 | Tes | tCode: El | PA Method | 8260B: Volat | iles Short | List | |
| Client ID: BatchQC | Batcl | h ID: 54: | 366 | F | RunNo: 7 | 1073 | | | | |
| Prep Date: 8/12/2020 | Analysis D | Date: 8/ | 13/2020 | S | SeqNo: 24 | 477067 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.97 | 0.025 | 1.000 | 0 | 97.4 | 80 | 120 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 102 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 102 | 80 | 120 | | | |
| Xylenes, Total | 3.2 | 0.10 | 3.000 | 0 | 106 | 80 | 120 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.47 | | 0.5000 | | 94.9 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.49 | | 0.5000 | | 98.6 | 70 | 130 | | | |
| 0 | 0.50 | | 0 5000 | | 407 | 70 | 400 | | | |
| Surr: Dibromofluoromethane | 0.53 | | 0.5000 | | 107 | 70 | 130 | | | |
| Surr: Dibromofluoromethane Surr: Toluene-d8 | 0.53 0.48 | | 0.5000 | | 107 96.3 | 70 70 | 130 130 | | | |
| | 0.48 | Гуре: МЕ | 0.5000 | Tes | 96.3 | 70 | | iles Short | List | |
| Surr: Toluene-d8 | 0.48 SampT | Гуре: МЕ h ID: 54 ; | 0.5000 | | 96.3 | 70 PA Method | 130 | iles Short | List | |
| Surr: Toluene-d8 Sample ID: mb-54366 | 0.48 SampT | h ID: 54: | 0.5000 BLK 366 | F | 96.3 tCode: El | 70 PA Method 1073 | 130 | | List | |
| Surr: Toluene-d8 Sample ID: mb-54366 Client ID: PBS | 0.48 SampT Batcl | h ID: 54: | 0.5000 BLK 366 13/2020 | F | 96.3 tCode: Ef RunNo: 7 SeqNo: 24 | 70 PA Method 1073 | 130 8260B: Volat | | List | Qual |
| Surr: Toluene-d8 Sample ID: mb-54366 Client ID: PBS Prep Date: 8/12/2020 Analyte | 0.48 SampT Batcl Analysis E | h ID: 54: Date: 8/ | 0.5000 BLK 366 13/2020 | F | 96.3 tCode: Ef RunNo: 7 SeqNo: 24 | 70 PA Method 1073 477068 | 130 8260B: Volat Units: mg/K | g | | Qual |
| Surr: Toluene-d8 Sample ID: mb-54366 Client ID: PBS Prep Date: 8/12/2020 Analyte Benzene | 0.48 SampT Batcl Analysis E Result | h ID: 54 ; Date: 8/ PQL | 0.5000 BLK 366 13/2020 | F | 96.3 tCode: Ef RunNo: 7 SeqNo: 24 | 70 PA Method 1073 477068 | 130 8260B: Volat Units: mg/K | g | | Qual |
| Surr: Toluene-d8 Sample ID: mb-54366 Client ID: PBS Prep Date: 8/12/2020 Analyte Benzene Toluene | 0.48 SampT Batcl Analysis E Result ND | h ID: 54 Date: 8/ PQL 0.025 | 0.5000 BLK 366 13/2020 | F | 96.3 tCode: Ef RunNo: 7 SeqNo: 24 | 70 PA Method 1073 477068 | 130 8260B: Volat Units: mg/K | g | | Qual |
| Surr: Toluene-d8 Sample ID: mb-54366 Client ID: PBS Prep Date: 8/12/2020 Analyte Benzene Toluene Ethylbenzene | 0.48 SampT Batcl Analysis E Result ND ND | h ID: 54 ; Date: 8 / PQL 0.025 0.050 | 0.5000 BLK 366 13/2020 | F | 96.3 tCode: Ef RunNo: 7 SeqNo: 24 | 70 PA Method 1073 477068 | 130 8260B: Volat Units: mg/K | g | | Qual |
| Surr: Toluene-d8 Sample ID: mb-54366 Client ID: PBS Prep Date: 8/12/2020 Analyte Benzene Toluene Ethylbenzene | 0.48 SampT Batcl Analysis E Result ND ND ND | h ID: 54 ; Date: 8 / <u>PQL</u> 0.025 0.050 0.050 | 0.5000 BLK 366 13/2020 | F | 96.3 tCode: Ef RunNo: 7 SeqNo: 24 | 70 PA Method 1073 477068 | 130 8260B: Volat Units: mg/K | g | | Qual |
| Surr: Toluene-d8 Sample ID: mb-54366 Client ID: PBS Prep Date: 8/12/2020 Analyte Benzene Toluene Ethylbenzene Xylenes, Total | 0.48 SampT Batcl Analysis E Result ND ND ND ND | h ID: 54 ; Date: 8 / <u>PQL</u> 0.025 0.050 0.050 | 0.5000 BLK 366 13/2020 SPK value | F | 96.3 tCode: EF RunNo: 7 SeqNo: 2 %REC | 70 PA Method 1073 477068 LowLimit | 130 8260B: Volat Units: mg/K HighLimit | g | | Qual |
| Surr: Toluene-d8 Sample ID: mb-54366 Client ID: PBS Prep Date: 8/12/2020 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 1,2-Dichloroethane-d4 | 0.48 SampT Batcl Analysis E Result ND ND ND ND ND 0.49 | h ID: 54 ; Date: 8 / <u>PQL</u> 0.025 0.050 0.050 | 0.5000 BLK 366 13/2020 SPK value 0.5000 | F | 96.3 tCode: EF RunNo: 7 SeqNo: 2 %REC 97.6 | 70 PA Method 1073 477068 LowLimit 70 | 130 8260B: Volat Units: mg/K HighLimit 130 | g | | 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

S % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits

RL Reporting Limit Page 35 of 36

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18-Aug-20

WO#:

Р Sample pH Not In Range

Released to Imaging: 9/19/2022 3:37:39 PM

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| | vironmental uice 19 Fed | | es LLC | | | | | | | | |
|-------------------------------|----------------------------|--|-----------|-------------|-----------|-----------|-------------|------------|----------|------|--|
| Sample ID: Ics-54366 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8015D Mod: | Gasoline | Range | | |
| Client ID: LCSS | Batch | ch ID: 54366 RunNo: 71073 | | | | | | | | | |
| Prep Date: 8/12/2020 | Analysis D | ate: 8/13/2020 SeqNo: 2477093 Units: mg/Kg | | | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range Organics (GRO) | 23 | 5.0 | 25.00 | 0 | 92.7 | 70 | 130 | | | | |
| Surr: BFB | 520 | | 500.0 | | 103 | 70 | 130 | | | | |
| Sample ID: mb-54366 | SampT | уре: МЕ | LK | Tes | tCode: EF | PA Method | 8015D Mod: | Gasoline I | Range | | |
| Client ID: PBS | Batch | ID: 54: | 366 | R | RunNo: 7 | 1073 | | | | | |
| Prep Date: 8/12/2020 | Analysis D | ate: 8/ | 13/2020 | S | SeqNo: 24 | 477094 | Units: mg/K | g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | | |
| Surr: BFB | 490 | | 500.0 | | 97.7 | 70 | 130 | | | | |

Qualifiers:

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

- 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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18-Aug-20

| Received by | OCD: | 4/22/2021 | 12:00:25 AM |
|-------------|------|-----------|-------------|
|-------------|------|-----------|-------------|

| ANAL | RONMENT | AL | TEL | : 505-345-3 | ntal Analysis 4901 A Albuquerque 975 FAX: 50 s.hallenviron | Hawkins NE , NM 87109 5-345-4107 | Sa | ample Log-I | n Check List |
|---------------------------------------|------------------|---------------------------------|----------------------|-------------------------|--|--|--------|---|-------------------------------|
| Client Name: | Pima Envir | onmental Ser | vi Work (| Order Numl | ber: 20086 | 17 | > | Ro | sptNo: 1 |
| Received By: | Scott And | lerson | 8/12/202 | 000 | 175 | | | | |
| Completed By: | Isajah Ort | iz | | 0 8:59:22 | | | In | 0-6 | |
| Reviewed By: | LAS | | 8/12/ | 1 | | | | | |
| Chain of Cu | stody | | | | | | | | |
| 1. Is Chain of C | Custody comp | lete? | | | Yes | | No 🗌 | Not Present | |
| 2. How was the | sample deliv | ered? | | | Courie | 1 | | | |
| Log In | | | | | | | | | |
| 3. Was an atter | mpt made to c | cool the sampl | es? | | Yes | | No 🗌 |] NA | |
| 4. Were all sam | ples received | at a temperat | ure of >0° C to | o 6.0°C | Yes | | No 🗌 |] NA | |
| 5. Sample(s) in | proper conta | iner(s)? | | | Yes | | No 🗌 |] | |
| 6. Sufficient sar | nple volume f | or indicated te | st(s)? | | Yes 🔽 | 2 | No 🗌 | | |
| 7. Are samples | | | | d? | Yes 🔽 | | No 🗌 | | |
| 8. Was preserve | | | | | Yes 🗌 | | No 🔽 | NA | |
| 9. Received at I | east 1 vial wit | h headspace · | <1/4" for AQ V(| DA? | Yes |] | No 🗌 | NA | |
| 10. Were any sa | | | | | Yes 🗆 |] | No 🔽 | | |
| 11.Does paperw (Note discrep | | ttle labels? ain of custody) | | | Yes 🔽 | • | No 🗌 | # of preserved bottles checke for pH: | d (<2 or >12 unless noted) |
| 12. Are matrices | correctly iden | tified on Chair | n of Custody? | | Yes 🔽 | • | No 🗌 | Adjusted | 3 |
| 13. Is it clear what | | | ? | | Yes 🔽 | • | No 🗌 | | -010- |
| 14. Were all hold (If no, notify o | | e to be met? authorization.) | | | Yes 🔽 | | No 🗌 | Checked | by: SPA 8.12,20 |
| Special Hand | ling (if app | olicable) | | | | | | | |
| 15.Was client n | otified of all d | iscrepancies v | vith this order? | | Yes | | No |] NA | |
| By Wh | | 1 | | Date: Via: | eMail | Phone | e 🗌 Fa | ax 🗌 In Person | unor " |
| Regar | Instructions: |) } | Second Second Second | A lot of the Chicago in | a Shara tany international | a participant of the second | | | |
| 16. Additional re | | , | | | | | | | |
| | | | | | | | | | |
| 17. <u>Cooler Info</u> Cooler N | 1 | Condition | Seal Intact | Seal No | Seal Date | e Sia | ned By | -1-0 | |
| 1 | 3.4 | Good | Not Present | | | 0.9 | | | |
| 2 | 4.0 | Good | Not Present | | | | | | |
| 3 | 62 | Good | Not Present | | | | | | |

Page 1 of 1

| Client: | Pima | Env | ustody Record ironmental | S Proje | Around tandarc ct Nam | d 🗆 Rust e: | | | | | HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com | | | | | | | | | |
|--------------------------|-----------------|--------------------------|-----------------------------|------------|-----------------------------|----------------------|--|--------------|----------------------------|----------------------|---|--------------|----------------------|------------------------------|------------|-----------------|---------------------------------|---------|---|--|
| Mailing | Address | : 1601 | N. Thomas Ste 500 | Bee | tle | Juice 1 | 9 Fed #3H | | 49 | 01 H | lawk | ins N | NE - | Alb | ouque | erau | e. N | M 87109 | 9 | |
| 19/ | Hol | bbs, N | M 88240 | Proje | ct #: | 10 21 | 9 Fed #3H 869483 | | | el. 50 | | | 975 | F | ax | 505- | 345 | -4107 | | |
| Phone | #: 53 | 15-63 | 1-6977 | | | | 001783 | | | | | | P | | /sis | Req | | | | |
| ~ | Package: | ~ | □ Level 4 (Full Validation) | - | ct Mana Chri | s Sone | 5 | TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | PCB's | | 8270SIMS | | NO2, PO4, SO4 | | | Total Coliform (Present/Absent) | | | |
| Accred | litation: | | ompliance | Samp | oler: 🕅 | obert larpe | ~ | TMB | / DR | 8082 | 504.1) | r 827(| i. | NO_2 , | | 2 | reser | - | | |
| | _AC D (Type) | □ Othe | r | On Ic | Colore | Yes / | □ No 3.3 = 3.7 | E I | GRO | des/ | d 50 | 10 or | als | O ₃ , | | VOA | n (F | ye | | |
| | | | | Coole | er Temp | D(including CF): | 3.4 tal = 4.0 (°C) | MTE | 15D(| estici | letho | y 831 | 8 Met | Br, N | (AO) | Semi- | olifor | lori | | |
| Date | Time | Matrix | Sample Name | Conta | | Preservative Type | | BTEX)/ MTBE | TPH:80 | 8081 Pesticides/8082 | EDB (Method | PAHs by 8310 | RCRA 8 Metals | CI, F, Br, NO ₃ , | 8260 (VOA) | 8270 (Semi-VOA) | Total C | Ch | | |
| 8/6/20 | 9:00 | Soil | 51,01-64 | 61 | 955 | 土住 | 001 | X | X | | | | | | | | | X | | |
| ĩ | 9:04 | 1 | 51,1' | | 1 | 1 | 002 | 1 | 1 | | | | | | 1 | | | 1 | | |
| | 9:08 | | 51, 2' | | | | 003 | | | | | | | | | | | | | |
| | 9:12 | | 51,31 | | | | 004 | | | | | 1 | | | | | | | | |
| | 9:16 | | 52, 0"-6" | | | | 005 | | | | | | | | | | | | | |
| | 9.20 | | 52, 1' | | | | 006 | | | | | | | | | | | | | |
| | 9:24 | | 57, 21 | | | | 007 | | | | | | | | | | | | | |
| | 9:28 | | 52, 3' | - | | | 008 | | | | | | | | | 1 | | | | |
| | 9:32 | | 53, 0"-6" | | | | 009 | | | | | | | | | | | | | |
| | 9-36 | | 53, 1' | • | | | 010 | | | | | | | | | | | | | |
| | 9:40 | | 53, 2' | | | | 011 | | | | | | | | | | | | | |
| 1 | 9:44 | 1 | 1537, 3' | - | L | | 0/2 | 7 | L | | | | | | | 112 | | 4 | | |
| Dáte; /// 20 Date: | Time: | Relinquist Relinquist | K | Receiv | refatøy: | Via: Via: | Date Time S 11 20 0830 Date Time | | nark Bil | | + | 0 | | De | 200 | 2 | | | | |
| 11/20 | 190 | W | | 5 | PA C | ounier & | 3.12.207:50 | | | | | | | | | | | 11 | | |

| Client: | Pinne | -of-C | ustody Record | Turn-Around Ø-Standard Project Nam | d 🗆 Rush e: | | | | | HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com | | | | | | | | |
|-----------------|-------------------|------------------|-----------------------------|--|---|-------------------------|------------|---------------|----------------------|---|--------------------------|------------------------------|------------|-----------------|---------------------------|---------|---|----|
| Mailing | Address | 16.01 | N. Turner Ste 500 | Beetle | June | 19 Feel #3H 8 69 483 | | 49 | 01 H | awkir | s NE | - AI | buqu | erqu | e, NI | M 87109 | Э | |
| 0/70 | Ha | bhc 1 | IM SX240 | Project #: | | 1 | 1 | Te | el. 50 | 5-34 | 5-397 | 5 | Fax | 505- | -345- | 4107 | | |
| Phone | #: 5 | 75-6 | 1M 88240 31-6977 | | \$ 20 | 869483 | | | . (| | | Anal | ysis | Req | uest | | | |
| email c | or Fax#: | chris | @ Pingoil. Com | Project Man | ager: | | ÷ | Ô | | | | SO4 | | | ent) | 1.0 | | |
| QA/QC □ Star | Package: ndard | | □ Level 4 (Full Validation) | Chris | 5 Jones | | 3's (8021) | DRO / MRO) | PCB's | | OSIMS | PO4, | | | Coliform (Present/Absent) | | | |
| Accred | litation: _AC | □ Az C □ Othe | ompliance er | Sampler: 🖌 On Ice: | Pobet Capt | ~ □ No | / TMB | | s/8082 | 504.1) | or 827 | 3, NO ₂ , | | (AC | (Prese | de | | |
| | D (Type) | | | # of Coolers | : 3 2= | 3.3 | MTBE | 0(GF | cide | pou | 310 | NO | 2 | N-in | Drm | Vico | | |
| Dete | Time | Matrix | Sample Name | Cooler Tem Container Type and # | P(including CF): 45 Preservative Type | P.0 0.1 | RTEX / M | TPH:8015D(GRO | 8081 Pesticides/8082 | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | CI, F, Br, NO ₃ , | 8260 (VOA) | 8270 (Semi-VOA) | Total Colife | Chlo | | |
| Date 8/670 | 9:48 | Soil | 54.0"-6" | 6/ 455 | FLE | 013 | X | X | | - | | | | | | + | | |
| 1600 | 9:52 | 1011 | 54, 1' | 101015 | 100 | 014 | 1 | | | | T | | | | |) | | |
| | 9:56 | | 54, 21 | | | 015 | 11 | 1 | | | | | | | | | | |
| | 10:00 | | 54, 3' | | | 016 | 11 | | | | 1 | | | 112 | | | | |
| | 10:04 | | 55,0"-6" | | | 710 | H | | | | | | | (IP) | | | | ++ |
| | 10:08 | | 56,6"-6" | | | 018 | | | | | | | | | | | | |
| | 10:12 | | 57,01-611 | | | 019 | \square | | | | | | | 11 | | | | |
| | 10:10 | | 57,1' | | | 070 | | | | | İ | | | | | | | |
| | 10-10 | | 57,21 | | | 021 | 1 | | | | T | | | | | | | |
| | 10:24 | | ST.B' | | | 077 | 1 | | T I | | T | | | 112 | | | | |
| | 10.08 | | S& alli | | | 023 | 11 | | | | 1 | | | | | | | |
| | 10:32 | | 1 28/11 | | 1 | OZY | IL | 1 | | | | | | 11 | | 1 | | |
| | Time: | Relinquis | | Received by: | Via: Via: | Date Time | Rer | nark F | | 1 | +0 | | De | 20c | m | | | · |
| ship | 1900 | | V | | | 8-12-72 7:50 | | | | | | | | | | | | |

| Chain-of-Custody Record | Turn-Around Time: | HALL ENVIRONMENTAL |
|--|--|--|
| Client: Pima Environmental | Y⊉ Standard □ Rush Project Name: | ANALYSIS LABORATORY |
| Mailing Address: 1601 N. Turner Ste 500 | Project Walle. Beet/s Juice 19 Fail #3/4 Project #: #2 208 69483 | www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 |
| Hobbs, NM 88240 Phone #: 575-631-6977 | Project #: | Tel. 505-345-3975 Fax 505-345-4107 Analysis Request |
| email or Fax#: Chris & Pima oil com | Design Manager | RO) s s s s ent) |
| QA/QC Package: Standard Level 4 (Full Validation) | Sampler: Robert Carpon | ZO / DRO / MRO) Se/8082 PCB's 504.1) or 8270SIMS s . NO ₂ , PO ₄ , SO ₄ 3, NO ₂ , PO ₄ , SO ₄ (Present/Absent) |
| Accreditation: Az Compliance NELAC Other | On Ice: ZYes DNo | V MIDEL/ TMD Pesticides/8082 I Method 504.1) by 8310 or 8270 by 8310 or 8270 br, NO ₃ , NO ₂ , (VOA) (Semi-VOA) (Semi-VOA) Coliform (Presen |
| □ EDD (Type) | # of Coolers: 3 $7 = 3.3$ = 3.7 Cooler Temp(including CF): $4 = 3.9 + 6.6 - 4.0$ (°C) | D(GF hod 5 NO ₃ NO ₃ NO ₃ NO ₃ |
| Date Time Matrix Sample Name | Container Preservative HEAL No. Type and # Type 7008617 | TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's EDB (Method 504.1) PAHs by 8310 or 8270SIMS RCRA 8 Metals CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ S260 (VOA) 8260 (VOA) Total Coliform (Present/Absent) CALIS FRAC |
| 8/6/20 10:36 Soil 58, Z' 5 1 3 | | KL X |
| 10:40 1 58,3 | 026 1 | |
| 10:44 BG1 874 | 027 | |
| 10:48 BGZ 01 | 028 | |
| - 10:57 _ 363 / V | 1 1 029 1 | |
| | | |
| | | |
| | | |
| Date: Time: Relinquished by: | Received by: Via: Date Time Re 8/11/20 0830 | emarks: |
| Date: Time: Refinquisted by: | Received by: Wia: Date Time SPA COULTER & D.20 7:50 | Bill to Devon |



October 27, 2020

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

OrderNo.: 2010A38

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Beetle Juice 3H

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/22/2020 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

| | Lab Order 2 |
|--|-------------|
| Hall Environmental Analysis Laboratory, Inc. | Date Report |

| Lab Order 2010 |)A38 |
|----------------|------------|
| Date Reported: | 10/27/2020 |

Analytical Report

| CLIENT: | Pima Environmental Service | es LLC | Cl | ient S | ample I | D: S-4 | 4 0-6" | | | | | |
|----------|----------------------------|--------------|--|--------|---------|---------------|-----------------------|-------|--|--|--|--|
| Project: | Beetle Juice 3H | | Collection Date: 10/21/2020 2:45:00 PM | | | | | | | | | |
| Lab ID: | 2010A38-001 | Matrix: SOIL | | Recei | ved Dat | e: 10/ | /22/2020 7:40:00 AM | | | | | |
| Analyses | | Result | RL | Qual | Units | DF | Date Analyzed | Batch | | | | |
| | THOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | | Analyst | BRM | | | | |
| Diesel R | ange Organics (DRO) | 2300 | 93 | | mg/Kg | 10 | 10/23/2020 1:01:07 PM | 55992 | | | | |
| Motor O | I Range Organics (MRO) | 2900 | 470 | | mg/Kg | 10 | 10/23/2020 1:01:07 PM | 55992 | | | | |
| Surr: | DNOP | 0 | 30.4-154 | S | %Rec | 10 | 10/23/2020 1:01:07 PM | 55992 | | | | |
| EPA ME | THOD 8015D: GASOLINE RA | NGE | | | | | Analyst | RAA | | | | |
| Gasoline | e Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 10/24/2020 7:15:58 AM | 55990 | | | | |
| Surr: | BFB | 91.3 | 75.3-105 | | %Rec | 1 | 10/24/2020 7:15:58 AM | 55990 | | | | |

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

Qualifiers:

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

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

Page 1 of 3

.

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| | Environmenta 9 Juice 3H | ll Servic | es LLC | | | | | | | |
|--------------------------------|----------------------------|-----------|-----------|-------------|-----------|-----------|---------------------|------------|------------|------|
| Sample ID: LCS-55992 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8015M/D: Di | esel Range | e Organics | |
| Client ID: LCSS | Batch | h ID: 55 | 992 | R | unNo: 72 | 2876 | | | | |
| Prep Date: 10/22/2020 | Analysis D | Date: 10 | /23/2020 | S | eqNo: 2 | 562831 | Units: mg/k | ٤g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47 | 10 | 50.00 | 0 | 94.8 | 70 | 130 | | | |
| Surr: DNOP | 4.7 | | 5.000 | | 93.4 | 30.4 | 154 | | | |
| Sample ID: MB-55992 | SampT | ype: ME | BLK | Tes | tCode: EF | PA Method | 8015M/D: Di | esel Range | e Organics | |
| Client ID: PBS | Batch | h ID: 55 | 992 | R | unNo: 72 | 2876 | | | | |
| Prep Date: 10/22/2020 | Analysis D | Date: 10 | /23/2020 | S | eqNo: 2 | 562833 | Units: mg/ # | ζg | | |
| 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 | 9.3 | | 10.00 | | 92.5 | 30.4 | 154 | | | |

Qualifiers:

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

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

Page 2 of 3

2010A38

27-Oct-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| | nvironmental Juice 3H | l Servic | es LLC | | | | | | | | |
|-------------------------------|--------------------------|----------|-----------|--------------------------------|-----------|-----------|-------------|-----------|----------|------|--|
| Sample ID: Ics-55990 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | | |
| Client ID: LCSS | Batch | ID: 559 | 990 | F | RunNo: 72 | 2897 | | | | | |
| Prep Date: 10/22/2020 | Analysis D | ate: 10 | /24/2020 | 20 SeqNo: 2562395 Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range Organics (GRO) | 21 | 5.0 | 25.00 | 0 | 85.0 | 72.5 | 106 | | | | |
| Surr: BFB | 1100 | | 1000 | | 107 | 75.3 | 105 | | | S | |
| Sample ID: mb-55990 | SampT | ype: ME | BLK | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | | |
| Client ID: PBS | Batch | ID: 559 | 990 | F | RunNo: 72 | 2897 | | | | | |
| Prep Date: 10/22/2020 | Analysis D | ate: 10 | /24/2020 | S | SeqNo: 2 | 562397 | Units: mg/K | g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | | |
| Surr: BFB | 960 | | 1000 | | 96.1 | 75.3 | 105 | | | | |

- * 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 3 of 3

WO#: 2010A38 27-Oct-20

| HALL ENVIRONMENTAL ANALYSIS LABORATORY | Hall Environme TEL: 505-345-, Website: clien | 49 Albuquer 3975 FAX | 01 Hawkins NE que, NM 87109 | Sample Log-In Check List | | | | | | |
|---|--|----------------------------|--------------------------------|--------------------------|-----|-------------------------------------|--|--|--|--|
| Client Name: Pima Environmental Services LLC | Work Order Num | nber: 201 | 0A38 | | | RcptNo: 1 | | | | |
| Received By: Isaiah Ortiz | 10/22/2020 7:40:0 | 0 AM | | T | 5,0 | 22 | | | | |
| Completed By: Emily Mocho | 10/22/2020 9:08:1 | 3 AM | | | | | | | | |
| Reviewed By: CM2 | afertes | | | | | | | | | |
| Chain of Custody | | | | | | | | | | |
| 1. Is Chain of Custody complete? | | Yes | ~ | No | | Not Present | | | | |
| 2. How was the sample delivered? | | Cou | rier | | | | | | | |
| Log In | | | _ | | - | | | | | |
| 3. Was an attempt made to cool the samples? | | Yes | | No | | | | | | |
| 4. Were all samples received at a temperature c | f >0° C to 6.0°C | Yes | | No | | | | | | |
| 5. Sample(s) in proper container(s)? | | Yes | ~ | No | | | | | | |
| 6. Sufficient sample volume for indicated test(s)? | ? | Yes | | No | | | | | | |
| 7. Are samples (except VOA and ONG) properly | preserved? | Yes | ~ | No | | | | | | |
| 8. Was preservative added to bottles? | | Yes | | No | ~ | NA 🗆 | | | | |
| 9. Received at least 1 vial with headspace <1/4" | for AQ VOA? | Yes | | No | | NA 🗹 | | | | |
| 10. Were any sample containers received broken | ? | Yes | | No | | # of preserved bottles checked | | | | |
| 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | | Yes | | No | | for pH: (<2 or >12 unless noted) | | | | |
| 12. Are matrices correctly identified on Chain of C | ustody? | Yes | V | No | | Adjusted? | | | | |
| 13. Is it clear what analyses were requested? | | Yes | | | | | | | | |
| 14. Were all holding times able to be met? (If no, notify customer for authorization.) | | Yes | | No | | Checked by: 12 10/22/2 | | | | |
| Special Handling (if applicable) | | | | | | | | | | |
| 15. Was client notified of all discrepancies with the | is order? | Yes | | No | | NA 🔽 | | | | |
| Person Notified: | Date | 1 | | _ | - | | | | | |
| By Whom: | Via: | eM | ail 🔲 Phon | e 🗌 | Fax | In Person | | | | |
| Regarding: | | | | - | - | | | | | |
| Client Instructions: | | | | | | | | | | |
| 16. Additional remarks: | | | | | | | | | | |
| 17. <u>Cooler Information</u> Cooler No Temp °C Condition Sea 1 1.8 Good Not I | al Intact Seal No | Seal D | ate Sig | ned l | Ву | | | | | |

.

Page 1 of 1

| Client: | | | ustody Record | Turn-Around Standard Project Nam | l | | | | | A | N | AL | YS | SIS | 5 L | | | | | |
|---------|---------------|-------------------|-----------------------------|--|----------------------|---------------------------|------------|---------------|----------------------|--------------------|-----------------|---------------|-----------------------|---------------------------|------------------|----------|-------------------|----|---|---|
| | / / | | N. Turner 500 7 88240 | Beeti Project #: | 6483 | e 3H | | | | awki 5-34 | | | | 1.21 | | | M 8710 4107 | 19 | | |
| | | | 531-6977 | 1200 | 6483 | | 1 | 16 | 1. 50 | 5-54 | -0-02 | 10-10-10 E | _ | | 2 C. 2 C. 2 C. 1 | uest | 100 B 100 B 100 B | | | |
| | | | - P. Pimsoil. (om | Project Mana | ader: | | ~ | 6 | | | | | SO4 | | | | | TT | T | |
| | Package: | | □ Level 4 (Full Validation) | | B's (8021) | DRO / MRO) | PCB's | | 8270SIMS | | PO4, | | | Coliform (Present/Absent) | | | | | | |
| | AC | □ Az Co □ Othe | ompliance r | Sampler: On Ice: | | 🗆 No | E / TMB's | ~ | es/8082 | 504.1) |) or 827 | s | 3, NO ₂ , | | (A) | (Prese | | | | |
| | (Type) | 5 | | # of Coolers: Cooler Temp | | OKE1 18 (°C) | / MTBE | TPH:8015D(GRO | 8081 Pesticides/8082 | EDB (Method 504.1) | PAHs by 8310 or | RCRA 8 Metals | Br, NO ₃ , | (AOV) | 8270 (Semi-VOA) | Coliform | | | | |
| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. 2010 A 38 | BTEX / | TPH:80 | 8081 F | EDB (N | PAHs I | RCRA | CI, F, | 8260 (VOA) | 8270 (| Total C | _ | | | |
| 10/21 | 2:45 | SOIL | 5-4 0-6" | GLASS | ICE | 601 | | - | _ | | | | | | | | | - | | |
| | | | | | | | 9-0 1-1 | | _ | | | | | | | | | | | |
| | | | | | | | | | | | _ | | | | | | _ | | | |
| | | | | | | | | | | | | | | | | | | | | - |
| | | | | | | | | | | | _ | | | _ | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Date: | Time: | Relinquist | ned by: | Received by: | Via: | Date Time | Rem | narks | : | | | _ | | | | 2.1 | | | | _ |
| Date: | 1400 Time: | Relinquist | ned by: | Received by: | Via: | 10/2/20 1900 Date Time | 1 | B | ;1 | / | 1 | TO | | Ĩ | \mathcal{D} |)e | VON | / | | |

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.



April 20, 2021

TOM BYNUM PIMA ENVIROMENTAL 1601 N TURNER STE. 500 HOBBS, NM 88240

RE: BEATLEJUICE 19 FED 3H

Enclosed are the results of analyses for samples received by the laboratory on 04/16/21 9:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Analytical Results For:

| | | PIMA ENVIROMENTAL TOM BYNUM 1601 N TURNER STE. 500 HOBBS NM, 88240 Fax To: | | | |
|-------------------|--------------------|--|---------------------|----------------|--|
| Received: | 04/16/2021 | | Sampling Date: | 04/14/2021 | |
| Reported: | 04/20/2021 | | Sampling Type: | Soil | |
| Project Name: | BEATLEJUICE 19 FED |) 3H | Sampling Condition: | ** (See Notes) | |
| Project Number: | 1-12 | | Sample Received By: | Tamara Oldaker | |
| Project Location: | DEVON | | | | |

Sample ID: S - 4 SURFACE (H210971-01)

| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/19/2021 | ND | 210 | 105 | 200 | 0.252 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/19/2021 | ND | 229 | 115 | 200 | 5.09 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/19/2021 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.4 | % 44.3-14 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 84.7 | % 42.2-15 | 6 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| ND | Analyte NOT DETECTED at or above the reporting limit |
|-----|---|
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| CA | R | DI | N | A | L |
|----|----|-----|----|----|----|
| La | 00 | rat | 10 | ie | 25 |

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

| 101 East Marland | , Hobbs, NM | 88240 |
|------------------|--------------|-------|
| | FAV (FTE) 20 | |

| Company Name: | 1 / | FAX (575) 393-241 FAVICONENTEN | | | | _ | | | 1 | BIL | L TO | | | | | A | NAL | YSIS | RE | QUE | ST | _ | _ |
|-------------------------------|--|---|-------------------------------|------------------------------|------------|-------------------------------|-----------------------|---------|-----------------------|---------|---------------------|-----------------------|---|-----------|-------|------|-----------------|------|------------------------------|------------|---------|----------|-----|
| roject Manager: | TOM J | BUNNA | | | | | | P.O. | #:2 | 00 | 8694 | 83 | | | | | | | | | | | |
| | OINT | | | | | | | | | | Decon | | | | | | | | | | | | |
| ity: Ho 55 | 6- | State: N M | Zip: | 8 | 82 | 40 | | Attn: | W | 5 | Math | kens | | | | | | | | | | | |
| ty. 10 22 | 0 - 748- | Fax #: | | | | | | Addr | ess: | | | | | | | | ÷ . | | | | | | |
| | | Project Owner: | | | | | | City: | | | | | | | | | | | | | | | |
| roject Name | Beathersin | ice 19 | Fe | l | 3 | H | | State | : | | Zip: | | | | | | | | | | | | |
| Project Location | | | | | | | | Phor | ne #: | | | | | | | | | | | | | | |
| ampler Name: | Sebert | tha Ollos | 0. | | | | | Fax | #: | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | 00000 | | | Т | | MATR | IX | P | RESE | RV. | SAMP | LING | | | | | | | | | | | |
| Lab I.D. H210971 | Samp | | (G)RAB OR (C)OMP | # CONTAINERS | WASTEWATER | X SOIL | SLUDGE | OTHER : | | OTHER : | DATE 4/14/24 | TIME 0800 | XTXX | | | | | | | | | - | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | - | | | | | _ | - | - | - | + | | | |
| analyses. All claims includir | ing those for negligence and an according to the performance of the pe | y and client's exclusive remedy for a ry other cause whatsoever shall be or consequential damages, including parmance of services hereunder by C Date: Time Date: Time: Observed Temp. °C | g without Cardinal, Red | imitatio regardi ceive | ed By | ness inter hother si r: | uptions, ach state | tion | ise, or lo dupor a | HEC | profits incurred by | client, its subsid | iaries, <u>wise</u> tesult: ts are en KS: | Ye mailed | Stand | lard | Add'I ide Em | Bact | dress: teria (o Intacl | nly) Sa | mple C | ondition | °C |
| Sampler - UPS - | Bus - Other: | Corrected Temp. °C | | | F | Yes | Y | o | | TS | 5. | Thermom Correction | n Factor | None | | | | | | es No C | orrecte | d Temp | .°C |

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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 | | | | | | |
| 5614 N Lovington Hwy | Action Number: | | | | | | |
| Hobbs, NM 88240 | 24967 | | | | | | |
| | Action Type: | | | | | | |
| | [C-141] Release Corrective Action (C-141) | | | | | | |

CONDITIONS

| Created By | | Condition Date |
|------------|------|-------------------|
| amaxwell | None | 9/19/2022 |

CONDITIONS

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Action 24967