Oil Conservation Division

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| nAPP21291 | 71458 | | |

| Incident ID | nAPP2129171458 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

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

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

 \overline{X} 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)

X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

X 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: Dale Woodall | Title: Env. Professional |
|---|---|
| Signature: Dale Woodall | Date: <u>12/2/2022</u> |
| email:dale.woodall@dvn.com | Telephone: 575-748-1838 |
| | |
| OCD Only | |
| Received by: Robert Hamlet | Date: <u>3/7/2023</u> |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations. |
| Closure Approved by: <u>Robert Hamlet</u> | Date: 3/7/2023 |
| Printed Name: Robert Hamlet | Title: Environmental Specialist - Advanced |

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Oil Conservation Division

| | Page 2 of 37 |
|----------------|---------------------|
| Incident ID | nAPP2129171458 |
| District RP | |
| 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>18</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 X 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 X No |
| Are the lateral extents of the release overlying a subsurface mine? | ☐ Yes X 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.
- X Field data
- \underline{X} Data table of soil contaminant concentration data
- \underline{X} Depth to water determination
- X Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- X Boring or excavation logs
- \underline{X} Photographs including date and GIS information
- X Topographic/Aerial maps
- X Laboratory data including chain of custody

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

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| Received by OCD: 12/2/2 Form C-141 | 2022 2:02:23 PM State of New Mexico | | Incident ID | Page 3 of 379 nAPP2129171458 |
|--|--|--|---|---|
| Page 4 | Oil Conservation Division | l | District RP | |
| | | | Facility ID | |
| | | | Application ID | |
| regulations all operators as public health or the enviro failed to adequately invest | Voodall | otifications and perform c OCD does not relieve the reat to groundwater, surfa | orrective actions for rele e operator of liability sh ace water, human health liance with any other fe sional | ases which may endanger ould their operations have or the environment. In |
| OCD Only Received by: Jo | ocelyn Harimon | Date: 1 | 2/02/2022 | |

| Incident ID | nAPP2129171458 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Remediation Plan

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

 Image: Detailed description of proposed remediation technique

X Scaled sitemap with GPS coordinates showing delineation points

X Estimated volume of material to be remediated

X Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC

X Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

| Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. | | |
|--|---|--|
| | production equipment where remediation could cause a major facility | |
| Extents of contamination must be fully delineated. | | |
| Contamination does not cause an imminent risk to human healt | th, the environment, or groundwater. | |
| rules and regulations all operators are required to report and/or file which may endanger public health or the environment. The accept liability should their operations have failed to adequately investigat surface water, human health or the environment. In addition, OCD responsibility for compliance with any other federal, state, or local | acceptance of a C-141 report does not relieve the operator of | |
| Printed Name: Dale Woodall Signature: Dals Woodall | | |
| email:dale.woodall@dvn.com | Date: <u>12/2/2022</u> Telephone: <u>575-748-1838</u> | |
| OCD Only | | |
| Received by: Jocelyn Harimon | Date:12/06/2022 | |
| Approved Approved with Attached Conditions of | f Approval Denied Deferral Approved | |
| Signature: | Date: | |

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Oil Conservation Division

| | Page 5 of 37 2 |
|----------------|-----------------------|
| Incident ID | nAPP2129171458 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

<u>Closure Report Attachment Checklist</u>: Each of the following items must be included in the closure report.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

 \overline{X} 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)

X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

X 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: Dale Woodall | Title: Env. Professional | |
|---|--------------------------------|--|
| Signature: Dale Woodall | Date: <u>12/2/2022</u> | |
| email: dale.woodall@dvn.com | Telephone: <u>575-748-1838</u> | |
| | | |
| OCD Only | | |
| <u>OCD ONLY</u> | | |
| Received by: Jocelyn Harimon | Date: 12/02/2022 | |
| Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. | | |
| Closure Approved by: | Date: | |
| Printed Name: | | |



November 17, 2022

Vertex Project #: 22E-01417

| Spill Closure Report: | Papas Fritas 27 CTB 1 |
|-----------------------|--|
| | Unit O, Section 27, Township 23 South, Range 29 East |
| | API: N/A |
| | County: Eddy |
| | Incident Reports: nAPP2129171458, nAPP2127146416 and nAPP221094425 |
| Prepared For: | Devon Energy Production Company |
| | 6488 Seven Rivers Highway |

New Mexico Oil Conservation Division – District 2 – Artesia 811 S. 1st Street Artesia, New Mexico 88210

Artesia, New Mexico 88210

Devon Energy Production Company (Devon) retained Vertex Resource Services Inc. (Vertex) to conduct a Spill Assessment and Closure for multiple produced water releases at Papas Fritas 27 CTB 1 (hereafter referred to as "Papas Fritas"). Devon submitted an initial C-141 Release Notification (Attachment 1) to the New Mexico Oil Conservation Division (NMOCD) District 2 on September 28, 2021. Incident ID numbers nAPP2129171458 and nAPP2127146416 were assigned to the incidents.

This letter provides a description of the release assessment and remediation activities that demonstrate that closure criteria established in Table I of 19.15.29.12 *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) are being met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NMOCD for the closure of these releases. This is with the understanding that restoration of the release site will be deferred until such time as all oil and gas activities are terminated and the site is reclaimed per 19.15.29.13 of NMAC.

Incident Descriptions

nAPP221094425

The release for nAPP2129171458 occurred near the storage tanks. The cause of the release is unknown. The incident resulted in the release of 13 barrels of produced water into the containment. No fluids were recovered from the release. No oil or produced water was released into waterways.

nAPP2127146416 and nAPP2129171458

The release for nAPP2127146416 and nAPP2129171458 occurred on the north/northwest side of the containment at Papas Fritas when the water-transfer pump developed a leak. The fluid traveled north and northwest of the oil tanks and released into the pasture north of the pad. The horizontal extent of the release was approximately 336 feet long and 301 feet wide. After the release, a vacuum truck was brought on-site to recover the fluids. Approximately

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120 barrels of fluids were recovered. No oil or produced water was released into waterways.

Site Characterization

The releases at Devon's Papas Fritas site occurred on federal land at 32.271611° N, 103.969944° W, approximately 6.4 miles southwest of Malaga, New Mexico. The legal description for the site is Unit O, Section 27, Township 23 South, Range 29 East in Eddy County, New Mexico. This location is within the Permian Basin in southeast New Mexico and has historically been used for oil and gas exploration and production, and rangeland.

Papas Fritas is typical of oil and gas exploration and production sites on the western portion of the Permian Basin and is currently being used for oil and gas production and storage. The following sections specifically describe the release areas on the north side of the pad (Attachment 2).

The nearest active well to Papas Fritas is a New Mexico Office of the State Engineer (NMOSE) monitoring well located approximately 1.06 miles northwest of the site (United States Department of the Interior, United States Geological Survey, 2021). Data from 2000 shows the NMOSE well had a depth to groundwater of 18 feet below ground surface (bgs). Information pertaining to the depth to groundwater determination is included in Attachment 4.

The surrounding landscape is associated with plains, interdunes, and dunes. With elevations ranging between 2,700 and 5,500 feet. The climate is semiarid with average annual precipitation ranging between 5 and 15 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be black grama. Grasses with shrubs and half-shrubs dominate the historic plant community (United States Department of Agriculture, Natural Resources Conservation Service, 2021). Limited to no vegetation is allowed to grow on the compacted production pad, right of way, and access road.

The Geological Map of New Mexico indicates the surface geology at Papas Fritas is comprised primarily of Qep – Eolian and Piedmont deposits from the Holocene to lower Pleistocene ages (New Mexico Bureau of Geology and Mineral Resources, 2022). The United States Department of Agriculture *Web Soil Survey* characterizes the soil at the site as Pajarito Loamy Fine Sand. The soil is well-drained with a very low runoff. The karst geology potential for Papas Fritas is medium (United States Department of the Interior, Bureau of Land Management, 2018).

There is no surface water located at Papas Fritas. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is an intermittent stream located 0.67 miles west of the site. At Papas Fritas, there are no continuously flowing water courses or significant watercourses, lakebeds, sinkholes, playa lakes, or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

Closure Criteria Determination

Using site characterization information, a closure criteria determination worksheet (Attachment 4) was completed to determine of the release was subject to any of the special case scenarios outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

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Based on the data included in the closure criteria determination worksheet, the releases at Papas Fritas are subject to the requirements of Paragraph (4) of Subsection C of 19.15.29.12 NMAC. There are no active water wells within a half-mile of the site to accurately determine the depth to groundwater; therefore, the closure criteria for the incident will assume NMOCD's strictest criteria and are determined to be associated with the following constituent concentration limits.

| Table 1. Closure Criteria for Soils Impacted by a Release | | |
|--|-------------------|-----------|
| Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS | Constituent | Limit |
| < 50 feet | Chloride | 600 mg/kg |
| | TPH (GRO+DRO+MRO) | 100 mg/kg |
| | BTEX | 50 mg/kg |
| | Benzene | 10 mg/kg |

TDS - Total dissolved solids

TPH - Total petroleum hydrocarbons = gasoline range organics (GRO) + diesel range organics (DRO) + motor oil range organics (MRO) BTEX - Benzene, toluene, ethylbenzene, and xylenes

Liner Inspection

nAPP221094425

On May 11, 2022, Vertex provided 48-hour notification of the liner inspection to NMOCD District 2 as required by Subparagraph (a) of Paragraph (5) of Subsection A 19.15.29.11 NMAC (Attachment 5). On May 14, 2022, Vertex was on-site to conduct an inspection of the lined containment and verify that the liner was intact and had the ability to contain the release. The Daily Field Report and associated photographs of the liner inspection are included in Attachment 6. The inspection confirmed the liner remained intact and had the ability to contain the release.

Remedial Actions

nAPP2127146416 and nAPP2129171458

On October 6, 2021, Safety & Environmental Solutions, Inc. (SESI) conducted initial site assessment activities through field screening procedures. Characterization sample points for SESI's delineation are included on Figure 1 (Attachment 2). Characterization sample analytical data from SESI's delineation are summarized in Attachment 3. Vertex was not affiliated with the initial site characterization or work plan. Remediation fieldwork was completed by Carmona Resources and confirmatory sampling was completed by Vertex. SESI's full remediation work plan is included in Attachment 9.

Excavation of impacted soils was conducted between September 23, 2022, and October 27, 2022. A Vertex representative was on-site from October 5 to 27, 2022, to conduct field screen procedures to determine the final horizontal and vertical extents of the excavation area. Initial and final Daily Field Reports and associated photographs are included in Attachment 6.

Between September 26 and October 25, 2022, Vertex provided three 48-hour notifications of confirmation sampling to NMOCD (Attachment 5), as required by Subparagraph (a) of Paragraph (1) of Subsection D 19.15.29.12 NMAC. Between vertex.ca

October 3 and 27, 2022, Vertex collected a total of 148 five-point composite confirmatory samples from the base and side walls of the excavation, at depths ranging between the ground surface and 4 feet bgs. Confirmation sample points are included on Figure 3 (Attachment 2). Each composite sample was representative of no more than 200 square feet per the alternate sampling method outlined in Subparagraph (c) of Paragraph (1) of Subsection D 19.15.29.12 NMAC, which does not require prior NMOCD approval. The composite samples were placed into laboratory-provided containers, preserved on ice, and submitted to a National Environmental Laboratory Accreditation Program-approved laboratory for chemical analysis. On October 27, 2022, excavation was completed. The final total square footage of the excavation was 22,382 square feet.

Laboratory analyses included Method 300.0 for chlorides, Method 8021B for volatile organics, including BTEX, and EPA Method 8015 for TPH, including DRO, MRO, and GRO. Confirmatory sampling analytical data are summarized in Attachment 3. Laboratory data reports and chain of custody forms are included in Attachment 7.

A GeoExplorer 7000 Series Trimble global positioning system (GPS) unit, was used to map the approximate center of each of the five-point composite samples. The confirmatory sample locations are presented in Figure 3 (Attachment 2). Relevant equipment and prominent features/reference points at the site are mapped as well.

Closure Request

Vertex recommends no additional action to address the remediation area at Papas Fritas. Laboratory analyses of confirmation samples collected at Papas Fritas show final confirmatory values below NMOCD closure criteria for areas where depth to groundwater is less than 50 feet bgs as presented in Table 1. There are no anticipated risks to human, ecological, or hydrological receptors at this release site.

Vertex requests that these incidents (nAPP2129171458, nAPP2127146416, and nAPP221094425) be closed as all closure requirements set forth in Subsection E of 19.15.29.12 NMAC have been met. Devon certifies that all information in this report and the attachments is correct and that they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NMOCD requirements to obtain closure on the remediation area at Papas Fritas.

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Should you have any questions or concerns, please do not hesitate to contact Kent Stallings at 346.814.1413 or KStallings@vertex.ca.

Chance Dixon

Chance Dixon, B.Sc. SR. ENVIRONMENTAL TECHNICIAN, REPORTING November 17, 2022

Date

Kent Stallings, P.G. PROJECT MANAGER, REPORT REVIEW November 17, 2022

Date

Attachments

- Attachment 1. NMOCD C-141 Reports
- Attachment 2. Figures
- Attachment 3. Summarized Laboratory Data Tables
- Attachment 4. Closure Criteria for Soils Impacted by a Release Research Determination Documentation
- Attachment 5. Required 48-hour Notifications of Liner Inspection and Confirmatory Sampling to NMOCD
- Attachment 6. Daily Field Reports with Photographs
- Attachment 7. Laboratory Data Reports and Chain of Custody Forms
- Attachment 8. Extension Denial After 90 Days from NMOCD
- Attachment 9. Safety & Environmental Solution Inc.'s Remediation Workplan

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References

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- United States Department of the Interior, Bureau of Land Management. (2018). *New Mexico Cave/Karsts*. Retrieved from https://www.blm.gov/programs/recreation/recreation-programs/caves/new-mexico
- United State Fish and Wildlife Service. (2022). *National Wetland Inventory Surface Waters and Wetland*. Retrieved from https://www.fws.gov/wetlands/data/mapper.html

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Limitations

This report has been prepared for the sole benefit of Devon Energy Production Company (Devon). This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division, without the express written consent of Vertex Resource Services Inc. (Vertex) and Devon. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

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ATTACHMENT 1

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

| Incident ID | nAPP2210924425 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party Devon Energy Production Company | OGRID 6137 | |
|---|------------------------------|--|
| Contact Name Wesley Mathews | Contact Telephone | |
| Contact email Wesley.Mathews@dvn.com | Incident # (assigned by OCD) | |
| Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210 | | |

Location of Release Source

Latitude 32.271611

(NAD 83 in decimal degrees to 5 decimal places)

| Site Name Papas Fritas 27 CTB 1 | Site Type Oil |
|------------------------------------|----------------------|
| Date Release Discovered 04/18/2022 | API# (if applicable) |

| Γ | Unit Letter | Section | Township | Range | County |
|---|-------------|---------|----------|-------|--------|
| ſ | 0 | 27 | 23S | 29E | Eddy |

Surface Owner: State X Federal Tribal Private (Name: _

Nature and Volume of Release

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

| Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
|-------------------------|--|---|
| X Produced Water | Volume Released (bbls) 13 BBLS | Volume Recovered (bbls) 0 BBLS |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |
| Cause of Release: Pinho | ble developed on a water line. | · |

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|----------------|----------------------|
| Incident ID | nAPP2210924425 |
| District RP | |
| Facility ID | |
| Application ID | |

| Was this a major | If YES, for what reason(s) does the responsible party consider this a major release? |
|--------------------------|---|
| release as defined by | |
| 19.15.29.7(A) NMAC? | |
| Yes X No | |
| | |
| | |
| | |
| If YES, was immediate no | otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? |
| | |
| | |

Initial Response

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

 $\overline{\mathbf{X}}$ The source of the release has been stopped.

X The impacted area has been secured to protect human health and the environment.

X Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

X All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| Printed Name: | Title: |
|---------------|------------|
| Signature: | Date: |
| email: | Telephone: |
| | |
| OCD Only | |
| Received by: | Date: |

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| | Page 16 of 3 7 |
|----------------|-----------------------|
| Incident ID | nAPP2210924425 |
| District RP | |
| 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>18</u> (ft bgs) |
|---|--------------------|
| Did this release impact groundwater or surface water? | Yes X No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | Yes X 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 X 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 X No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | Yes X 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 X No |
| Are the lateral extents of the release overlying a subsurface mine? | Yes X No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | Yes X No |
| Are the lateral extents of the release within a 100-year floodplain? | Yes X No |
| Did the release impact areas not on an exploration, development, production, or storage site? | Yes X 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.

- \underline{X} Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- X Field data
- X Data table of soil contaminant concentration data
- \underline{X} Depth to water determination
- X Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- X Boring or excavation logs
- X Photographs including date and GIS information
- X Topographic/Aerial maps
- $\overline{\mathbf{X}}$ 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: 12/2/2 Form C-141 | State of New Mexico | | | In a dant ID | Page 17 of |
|---|---------------------------|--|---|---|--|
| | Oil Conservation Division | n | | Incident ID | nAPP2210924425 |
| Page 4 | On Conservation Division | 1 | | District RP | |
| | | | | Facility ID | |
| | | | | Application ID | |
| public health or the environ failed to adequately investi addition, OCD acceptance and/or regulations. | | e OCD doe hreat to gro of respons Title: Date: | s not relieve the oundwater, surface | operator of liability sh ce water, human health iance with any other fe onal | ould their operations have or the environment. In |
| OCD Only Received by: | | | Date: | | |

Oil Conservation Division

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

| | Page 18 of 3 7 | 79 |
|----------------|-----------------------|----|
| Incident ID | nAPP2210924425 | |
| District RP | | |
| Facility ID | | |
| Application ID | | |

Remediation Plan

X Detailed description of proposed remediation technique \overline{X} Scaled sitemap with GPS coordinates showing delineation points X Estimated volume of material to be remediated X Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC X Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. Extents of contamination must be fully delineated. Contamination does not cause an imminent risk to human health, the environment, or groundwater. 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. Title: Env. Professional Printed Name: Dale Woodall Signature: Dale Woodall _____ Date: 12/2/2022 email: dale.woodall@dvn.com Telephone: 575-748-1838 OCD Only Received by: Date: Approved with Attached Conditions of Approval Approved Denied Deferral Approved Signature: Date:

Page 5

Oil Conservation Division

| Incident ID | nAPP2210924425 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

<u>Closure Report Attachment Checklist</u>: Each of the following items must be included in the closure report.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

 \overline{X} 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)

X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

X 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: Dale Woodall | Title: Env. Professional |
|----------------------------|--|
| | Date: <u>12/2/2022</u> |
| email:dale.woodall@dvn.com | Telephone: |
| | |
| | |
| OCD Only | |
| Received by: | Date: |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations. |
| Closure Approved by: | Date: |
| Printed Name: | Title: |

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

| Incident ID | nAPP2127146416 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party Devon Energy Production Company | OGRID 6137 | |
|---|------------------------------|--|
| Contact Name Wesley Mathews | Contact Telephone | |
| Contact email Wesley.Mathews@dvn.com | Incident # (assigned by OCD) | |
| Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210 | | |

Location of Release Source

Latitude <u>32.271611</u>

Longitude <u>-103.969944</u>

(NAD 83 in decimal degrees to 5 decimal places)

| Site Name Papas Fritas 27 CTB 1 | Site Type Oil |
|-----------------------------------|----------------------|
| Date Release Discovered 9/28/2021 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| 0 | 27 | 238 | 29E | Eddy |

Surface Owner: State X Federal Tribal Private (Name:

Nature and Volume of Release

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

| Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
|------------------------|--|---|
| X Produced Water | Volume Released (bbls)150.32 BBLS | Volume Recovered (bbls)120 BBLS |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |
| Cause of Release: Tran | sfer pump developed a leak. | |
| | | |
| | | |
| | | |

| | Oil Conservation Division | District RP Facility ID Application ID | nAPP2127146416 |
|-----------------------------------|---|--|----------------|
| 5 | If YES, for what reason(s) does the responsible par | 5 | |
| 5 | If YES, for what reason(s) does the responsible par | Application ID | |
| 5 | If YES, for what reason(s) does the responsible par | | |
| 19.15.29.7(A) NMAC? ∑ Yes □ No | The release was more than 25 barrels. | | |

Initial Response

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

 $\overline{\mathbf{X}}$ The source of the release has been stopped.

X The impacted area has been secured to protect human health and the environment.

X Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

X All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| Printed Name: | Title: |
|---------------|------------|
| Signature: | Date: |
| email: | Telephone: |
| | |
| OCD Only | |
| Received by: | Date: |

Oil Conservation Division

| | Page 22 of 3 7 |
|----------------|-----------------------|
| Incident ID | nAPP2127146416 |
| District RP | |
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Site Assessment/Characterization

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

| What is the shallowest depth to groundwater beneath the area affected by the release? | <u>18</u> (ft bgs) |
|---|--------------------|
| Did this release impact groundwater or surface water? | Yes X No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | Yes X 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 X 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 X No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | Yes X 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 X No |
| Are the lateral extents of the release overlying a subsurface mine? | Yes X No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | Yes X No |
| Are the lateral extents of the release within a 100-year floodplain? | Yes X No |
| Did the release impact areas not on an exploration, development, production, or storage site? | Yes X 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.

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

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

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|---|--|---|--------------------------------------|---|--|
| | | | | Incident ID | nAPP2127146416 |
| age 4 | Oil Conservation Division | | | District RP | |
| | | | | Facility ID | |
| | | | | Application ID | |
| public health or the enviro failed to adequately invest addition, OCD acceptance and/or regulations. | re required to report and/or file certain release not onment. The acceptance of a C-141 report by the 0 tigate and remediate contamination that pose a thr of a C-141 report does not relieve the operator o oodall <i>Voodall</i> dvn.com | OCD doe: eat to gro f responsi _ Title: Date: _ | s not relieve the undwater, surfa | operator of liability sh ce water, human health iance with any other fe onal | ould their operations have or the environment. In |
| OCD Only Received by: | | | Date: | | |

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

| Incident ID | nAPP2127146416 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Remediation Plan

X Detailed description of proposed remediation technique $\overline{\mathbf{X}}$ Scaled sitemap with GPS coordinates showing delineation points X Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC X Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. Extents of contamination must be fully delineated. Contamination does not cause an imminent risk to human health, the environment, or groundwater. 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. _____ Title: Env. Professional Printed Name: Dale Woodall Signature: Dale Woodall Date: 12/2/2022 email: dale.woodall@dnv.com Telephone: 575-748-1838 OCD Only Received by: Date: Approved with Attached Conditions of Approval Approved Denied Deferral Approved Signature: Date:

Oil Conservation Division

| Incident ID | nAPP2127146416 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

<u>Closure Report Attachment Checklist</u>: Each of the following items must be included in the closure report.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

 \overline{X} 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)

X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

X 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: Dale Woodall | Title: Env. Professional | |
|---|--------------------------|--|
| Signature: Dale Woodall | Date: <u>12-2-2022</u> | |
| email: <u>dale.woodall@dvn.com</u> | Telephone:575-748-1838 | |
| | | |
| OCD Only | | |
| <u>OCD Only</u> | | |
| Received by: | Date: | |
| Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. | | |
| Closure Approved by: | Date: | |
| Printed Name: | Title: | |

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

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| Incident ID | |
|----------------|--|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party | OGRID |
|-------------------------|------------------------------|
| Contact Name | Contact Telephone |
| Contact email | Incident # (assigned by OCD) |
| Contact mailing address | |

Location of Release Source

Longitude

| Latitude | |
|----------|--|
| | |

| Site Name | Site Type |
|-------------------------|----------------------|
| Date Release Discovered | API# (if applicable) |

(NAD 83 in decimal degrees to 5 decimal places)

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| | | | | |

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

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

| Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
|------------------|---|---|
| Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |
| Cause of Release | | 1 |
| | | |
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Oil Conservation Division

| Incident ID | |
|----------------|--|
| District RP | |
| Facility ID | |
| Application ID | |

| Was this a major release as defined by 19.15.29.7(A) NMAC? | If YES, for what reason(s) does the responsible party consider this a major release? |
|--|---|
| Yes No | |
| | |
| If YES, was immediate no | otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? |
| | |

Initial Response

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

The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| Printed Name: | Title: |
|----------------------------------|------------|
| Signature: <u>Kendra DeHoyos</u> | Date: |
| email: | Telephone: |
| OCD Only | |
| Received by: Ramona Marcus | Date: |

Oil Conservation Division

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|----------------|----------------------|
| Incident ID | nAPP2129171458 |
| District RP | |
| 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>18</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 X 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 X 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.

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

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

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|--|---|--------------------------|--|---|--|
| | | | | Incident ID | nAPP2129171458 |
| age 4 | Oil Conservation Division | | | District RP | |
| | | | | Facility ID | |
| | | | | Application ID | |
| public health or the environm failed to adequately investiga addition, OCD acceptance of | equired to report and/or file certain release no ent. The acceptance of a C-141 report by the te and remediate contamination that pose a the a C-141 report does not relieve the operator of | OCD does reat to grou | s not relieve the undwater, surfa | operator of liability sh ce water, human health | ould their operations have or the environment. In |
| and/or regulations. Printed Name: <u>Dale Woo</u> Signature: <u>Dale We</u> email: <u>dale.woodall@dv</u> | rodall | Date: | Env. Profess 12-2-2022 tone: <u>575-74</u> | | |

Oil Conservation Division

| Incident ID | nAPP2129171458 |
|---------------|----------------|
| District RP | |
| Facility ID | |
| Application I | D |

Remediation Plan

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

 X
 Detailed description of proposed remediation technique

X Scaled sitemap with GPS coordinates showing delineation points

 \overline{X} Estimated volume of material to be remediated

Page 5

X Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC

X Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

| Deferral Requests Only: Each of the following items must be con | firmed as next of any respect for deformal of new ediation |
|---|---|
| Deferral Requests Only: Each of the following tems must be con | girmea as pari of any request for deferrat of remeatation. |
| Contamination must be in areas immediately under or around pr deconstruction. | roduction equipment where remediation could cause a major facility |
| Extents of contamination must be fully delineated. | |
| Contamination does not cause an imminent risk to human health | n, the environment, or groundwater. |
| | |
| | e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of |
| Printed Name: Dale Woodall | Title: Env. Specialist |
| Signature: Dale Woodall | Date: <u>12/2/2022</u> |
| email:dale.woodall@dvn.com | Telephone:575-748-1838 |
| | |
| OCD Only | |
| Received by: | Date: |
| Approved Approved with Attached Conditions of | Approval Denied Deferral Approved |
| Signature: | Date: |

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| Incident ID | nAPP2129171458 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

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

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

 \overline{X} 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)

X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

X 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: Dale Woodall | Title: Env. Professional |
|-----------------------------|---|
| Signature: Dale Woodall | Date: <u>12/2/2022</u> |
| email: dale.woodall@dvn.com | Telephone: 575-748-1838 |
| | |
| OCD Only | |
| Received by: | Date: |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations. |
| Closure Approved by: | Date: |
| Printed Name: | |

| Measurements | Of Standing Fluid |
|--|-------------------|
| Length(Ft) | 120 |
| Width(Ft) | 60 |
| Depth(in.) | |
| Total Capacity without tank displacements (bbls) | 0.25 |
| No. of 500 bbl Tanks In Standing Fluid | 8 |
| No. of Other Tanks In Standing Fluid | |
| OD Of Other Tanks In Standing Fluid(feet) | 16 |
| Total Volume of standing fluid accounting for tank displacement. | 22.39 |

| Con | taminated S | Soil measurement |
|--|--------------|---------------------------|
| Area (square feet) | | Depth(inches) |
| 8228.5 | 513 | 0.016 |
| Cubic Feet of Se | oil Impacted | <u>10.971</u> |
| Barrels of Soi | Impacted | 1.96 |
| Soil Ty | /pe | Clay/Sand |
| Barrels of Oil Assuming 100% Saturation | | <u>0.29</u> |
| Saturation Fluid present with shovel/backhoe | | esent with shovel/backhoe |
| Estimated Barrels of Oil Released | | 0.29 |
| Free Standing Fluid Only | | |
| Area (square feet) | | Depth(inches) |
| <u>8228.513</u> | | 0.016 |
| Standing fluid | | <u>1.956</u> |
| Total fluids spilled | | 2.249 |

NAPP2129171458

| mpore in susai solesie in tes | | | |
|--|-------------|--|--|
| Contaminated Soil measurement | | | |
| Area (square | e feet) | Depth(inches) | |
| 29429 | 2 | <u>0.250</u> | |
| Cubic Feet of So | il Impacted | 613.104 | |
| Barrels of Soil | Impacted | <u>109.29</u> | |
| Soil Ty | pe | Clay/Sand | |
| Barrels of Oil Assuming 100% Saturation | | <u>16.39</u> | |
| Saturation Fluid present with shovel/backhoe | | | |
| Estimated Barrels of Oil Released | | 16.39 | |
| Free Standing Fluid Only | | | |
| Area (squa | re feet) | Depth(inches) | |
| <u>29429</u> | | 0.250 | |
| Standing fluid | | 109.288 | |
| Total fluid | s spilled | 125.681 | |
| | 100 | A REAL PROPERTY OF THE REAL PR | |

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

| Operator: | OGRID: |
|-------------------------------------|---|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 56657 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| rmarcus | None | 11/9/2021 |

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Action 56657

ATTACHMENT 2




Released to Imaging: 3/7/2023 9:56:12 AM

US PROJECTS/Devon Energy Corporation/2022/2E-01417 - Papa Fritas 27 CTB 1/Figure 1 Confirmatory Schematic Papas Fritas 27 CTB 1.mxd

3-\1-Proiects\



ATTACHMENT 3

Company Contacts

| Representative | Company | Telephone | E-mail |
|----------------|--------------|--------------|------------------------|
| Wes Mathews | Devon Energy | 575-578-6195 | Wesley.Mathews@dvn.com |
| Bob Allen | SESI | 575-397-0510 | ballen@sesi-nm.com |

Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was contracted by Devon Energy to assess a release at the Papas Fritas 27 CTB 1 location. This site is situated in UL O, Section 27, Township 23S and Range 29E, in Lea County New Mexico. We are addressing the release in this plan which will be remediated upon plan approval.

According to the NOR for incident NAPP2113158013, corrosion on a fitting resulted in the release of 150 bbls of produced water. A vacuum truck was dispatched and recovered 125 bbls free-standing fluid.

This workplan addresses two incident numbers, NAPP2113158013 & NAPP2127146416. This single event was documented or reported twice, one is a duplicate.

Surface and Ground Water

According to the NMOCD Oil and Gas Map, there is no surface water within 3,000 feet of this location and spill areas. Depth to groundwater determination was not successfully established based on the guidelines required by NMOCD; therefore, Devon will remediate these spills according to the most stringent criteria set forth by NMOCD in NMAC 19.15.29.

Characterization

The release has been fully delineated both vertically and horizontally, which includes establishing horizontal and vertical extent of delineation to the most stringent standard of 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene.

Release Area (NAPP2113158013), Investigation

SESI personnel tracked and mapped the release and sampled the area to achieve both vertical and horizontal delineation. Samples were taken at the surface and 1-foot intervals until field testing indicated the samples to meet target levels. The horizontal extent samples are denoted on the map with an H beside the sample number. The samples were properly preserved and packaged and sent to Hall Environmental Labs for testing. The results of the analytical are captured in the summary table below.

| Sample ID | Chloride | TPH | Sample ID | Chloride | TPH |
|-------------|----------|-----|--------------|----------|-----|
| AH-1 @ Surf | NT | NT | AH-9 @ Surf | NT | NT |
| AH-1 @ 1' | 2220 | NT | AH-9 @ 1' | <108 | 07 |
| AH-1 @ 2' | 160 | 01 | | | |
| | | | AH-10 @ Surf | NT | NT |

Table 2 – Field Test Samples

| AH-2 @ Surf | NT | NT | | AH-10 @ 1' | 1532 | NT |
|-------------------------|----------|-----|-----------|---------------------------|----------|-----|
| AH-2 @ 3un AH-2 @ 1' | 2604 | NT | | AH-10 @ 1 AH-10 @ 2' | 220 | 12 |
| AH-2 @ 2' | 1648 | NT | | AH-10 @ 2 AH-11 @ Surf | NT | NT |
| | | | | | | |
| AH-2 @ 3' | 160 | 05 | | AH-11 @ 1' | 1648 | NT |
| | | | | AH-11 @ 2' | 108 | 04 |
| AH-3 @ Surf | NT | NT | | | | |
| AH-3 @ 1' | 160 | 03 | | AH-12 @ Surf | NT | NT |
| | | | | AH-12 @ 1' | 1532 | NT |
| | | | | AH-12 @ 2' | 188 | 10 |
| AH-4 @ Surf | NT | NT | | | | |
| AH-4 @ 1' | 1648 | NT | | AH-13 @ Surf | NT | NT |
| AH-4 @ 2' | 188 | 05 | | AH-13 @ 1' | 1772 | NT |
| | | | | AH-13 @ 2' | 220 | 09 |
| AH-5 @ Surf | NT | NT | | | | |
| AH-5 @ 1' | 1772 | NT | | AH-14 @ Surf | NT | NT |
| AH-5 @ 2' | 188 | 02 | | AH-14 @ 1' | 1648 | NT |
| | | | | AH-14 @ 2' | <108 | 10 |
| AH-6 @ Surf | NT | NT | | | | |
| AH-6 @ 1' | <108 | 01 | | AH-15 @ Surf | NT | NT |
| | | | | AH-15 @ 1' | 2604 | NT |
| AH-7 @ Surf | NT | NT | | AH-15 @ 2' | <108 | 03 |
| AH-7 @ 1' | 1772 | NT | | | | |
| AH-7 @ 2' | 188 | 07 | | | | |
| | | | | | | |
| AH-8 @ Surf | NT | NT | | | | |
| AH-8 @ 1' | 1648 | NT | | | | |
| AH-8 @ 2' | 252 | 04 | | | | |
| 7410 @ 2 | 202 | | ontal San | noles | | |
| Sample ID | Chloride | TPH | | Sample ID | Chloride | ТРН |
| H-N Surf 1 | <108 | NT | | H-S Surf | 252 | NT |
| H-N Surf 2 | <108 | NT | | H-E Surf 1 | 108 | NT |
| H-W Surf 1 | <108 | NT | | H-E Surf 2 | 252 | NT |
| H-W Surf 2 | 220 | NT | | | | |
| H-W Surf 3 | 220 | NT | | | | |
| H-W Surf 4 | 252 | NT | | | | |
| H-W SUIT 4 | 252 | | | | | |

Release Area (NAPP2113158013), Action Plan

Based on the results above for vertical extent samples AH-1 through AH-15, SESI respectfully recommends the entire leak of release area be remediated to a depth of 2 to 3 foot where applicable. The excavation area is outlined in the map of this release located in this report. Once this remediation plan is approved, Devon will perform the remediation and all removed soil will be disposed of in an OCD-approved landfill. Devon will then conduct both bottom and sidewall confirmation sampling to ensure all contaminated materials have been removed to the most stringent criteria established by NMOCD. Upon receipt of lab results verifying all contaminants have been removed, Devon will backfill the site with uncontaminated soil. If it becomes apparent that facility equipment and/or structure integrity is compromised, SESI respectfully requests deferment of those areas until a later date. If this happens, pictures of the area of equipment/structures will be provided to provide evidence of deferral necessity.

Client Name: Devon Energy Production Company Site Name: Papas Fritas 27 CTB 1 NMOCD Tracking #: nAPP2127146416 Project #: 22E-01417

Lab Report(sX): 2210378, 2210428, 2210467, 2210780, 2210837, 2210A33, 2210B03, 2210E68

| | - | | - | - | | en and Laboratory Results - Depth to Groundwater <50 feet bgs | | | | | | | |
|----------------------|----------------|--------------------------|---|--|-------------------------|---|---------------------------|-------------------|----------------------------|--|------------------------|--|-----------------------------------|
| | Sample Descrip | | | eld Screeni | | | | | eum Hydro | | 0 | | |
| | | | <u>s</u> | | _ | Vol | atile | | | Extractable | 9 | | Inorganic |
| Sample ID | Depth (ft) | Sample Date | 원 Volatile Organic Compounds ③ (PID) | 면 Extractable Organic 표 Compounds (PetroFlag) | d) (m) (m) (m) | eue Beuzeue (mg/kg) | (gal) (fatal) (gal) | ଅ ଜ୍ଞ (GRO) | ଅ ଜ୍ଞ (DRO) (DRO) | ଇ Motor Oil Range Organics ଅଧି(MRO) | (OXO + OXO) (mg/kg) | ଞ୍ଚି Total Petroleum ଝୁ ମୁମ୍ପrocarbons (TPH) | (^{mg} / ^{gg}) |
| BES22-01 | 2 | 10/5/2022 | 0 | - | 76 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-02 | 2.5 | 10/19/2022 | 0 | 44 | 360 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-03 | 2 | 10/5/2022 | 0 | 23 | 75 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-04 | 2.5 | 10/19/2022 | 0 | - | 460 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-05 | 2.5 | 10/19/2022 | 0 | - | 457 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-06 | 2.5 | 10/19/2022 | 0 | - | 457 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-07 | 2.5 | 10/27/2022 | 0 | - | 602 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-08 | 2.5 | 10/19/2022 | 0 | 25 | 420 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-09 | 2.5 | 10/19/2022 | 0 | - | 512 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-10 | 2.5 | 10/19/2022 | 0 | - | 425 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-11 | 2.5 | 10/27/2022 | 0 | 30 | 227 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-12 | 2.5 | 10/19/2022 | 0 | - | 617 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-13 | 2.5 | 10/19/2022 | 0 | 15 | 505 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-14 | 2.5 | 10/19/2022 | 0 | - | 505 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-15 | 2.5 | 10/19/2022 | 0 | - | 235 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-16 | 2 | 10/5/2022 | 0 | 57 | 385 | ND | ND | ND | ND | ND | ND | ND | 170 |
| BES22-17 | 2.5 | 10/19/2022 | 0 | - | 335 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-18 | 2 | 10/5/2022 | 0 | - | 53 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-19 | 2.5 | 10/19/2022 | 0 | - | 605 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-20 | 2 | 10/5/2022 | 0 | - | 158 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-21 | 2 | 10/5/2022 | 0 | 27 | 163 548 | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | 160 250 |
| BES22-22 | 2 | 10/5/2022 | - | - | | | | | | | | | |
| BES22-23 | 2 | 10/5/2022 | 0 | - | 476 257 | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | 1400 ND |
| BES22-23 BES22-24 | 2.5 2 | 10/19/2022 10/5/2022 | 0 | _ | 161 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-24 BES22-25 | 2.5 | 10/19/2022 | 0 | - | 532 | ND | ND | ND | ND | ND | ND | ND | 300 |
| BES22-26 | 2.5 | 10/19/2022 | 0 | 5 | 608 | ND | ND | ND | ND | ND | ND | ND | 97 |
| BES22-27 | 2.5 | 10/19/2022 | 0 | - | 700 | ND | ND | ND | ND | ND | ND | ND | 790 |
| BES22-27 | 3 | 10/27/2022 | 0 | - | 325 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-28 | 2.5 | 10/18/2022 | 0 | - | 325 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-29 | 2.5 | 10/18/2022 | 0 | - | 650 | ND | ND | ND | ND | ND | ND | ND | 220 |
| BES22-30 | 2.5 | 10/18/2022 | 0 | 26 | 285 | ND | ND | ND | ND | ND | ND | ND | 1600 |
| BES22-30 | 3 | 10/27/2022 | 0 | - | 305 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-31 | 2.5 | 10/18/2022 | 0 | - | 390 | ND | ND | ND | ND | ND | ND | ND | 850 |
| BES22-31 | 3 | 10/27/2022 | 0 | - | 387 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-32 | 2 | 10/5/2022 | 0 | - | 715 | ND | ND | ND | ND | ND | ND | ND | 210 |
| BES22-33 | 2 | 10/5/2022 | 0 | 38 | 373 | ND | ND | ND | ND | ND | ND | ND | 190 |
| BES22-34 | 2 | 10/5/2022 | 0 | - | 373 289 | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | 420 ND |
| BES22-35 | 2.5 | 10/18/2022 | 0 | _ | 302 | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | ND ND | ND 98 |
| BES22-36 BES22-37 | 2.5 2.5 | 10/18/2022 10/18/2022 | 0 | - | 267 | ND | ND | ND | ND ND | ND ND | ND | ND | 390 |
| BES22-37 BES22-38 | 2.5 | 10/18/2022 | 0 | - 75 | 405 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-38 BES22-39 | 2.5 | 10/5/2022 | 0 | - | 80 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-39 BES22-40 | 2 | 10/5/2022 | 0 | - | 20 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-40 | 2.5 | 10/18/2022 | 0 | - | 237 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-42 | 2.5 | 10/18/2022 | 0 | - | 285 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-43 | 2 | 10/5/2022 | 0 | - | 603 | ND | ND | ND | ND | ND | ND | ND | 580 |
| BES22-44 | 2.5 | 10/18/2022 | 0 | 18 | 282 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-45 | 2 | 10/5/2022 | 0 | - | 425 | ND | ND | ND | ND | ND | ND | ND | 250 |
| BES22-46 | 2 | 10/5/2022 | 0 | 29 | 118 | ND | ND | ND | ND | ND | ND | ND | 120 |
| BES22-47 | 2 | 10/5/2022 | 0 | - | 379 | ND | ND | ND | ND | ND | ND | ND | 240 |
| BES22-48 | 2.5 | 10/14/2022 | 0 | - | 320 | ND | ND | ND | ND | ND | ND | ND | ND |



| Sample Description Field Screening Petroleum Hydrocarbons Sample ID Depth (ft) Sample Date 90/10/10/10/10/10/10/10/10/10/10/10/10/10 | Inorganic Inorganic Unorganic Culoride Chorcentration Chorcentration Chorcentration ND ND ND ND ND ND ND ND ND ND ND ND ND |
|--|--|
| Sample ID Depth (ft) Sample Date isometry in the second secon | Concentration Marketi |
| BES2-49 2.5 10/14/2022 0 - 582 ND | ND ND ND ND ND ND ND |
| BES22-50 2.5 10/14/2022 0 - 466 ND | ND ND ND ND ND |
| BES22-S2 2 10/14/2022 0 - 557 ND | ND ND ND ND |
| BE52-53 2.5 10/14/2022 0 - 388 ND | ND ND ND |
| BE522-54 2 10/14/2022 0 - 437 ND | ND ND |
| BES22-55 2.5 10/14/202 0 - 356 ND | ND |
| BES22-56 2.5 10/14/2022 0 - 312 ND | |
| BES22-57 2.5 10/14/2022 0 - 318 ND | |
| BE522-58 2.5 10/14/2022 0 - 567 ND | ND |
| BES22-59 2.5 10/14/2022 0 - 486 ND A99 BES22-60 2.5 10/14/2022 0 - 260 ND | ND |
| BES22-61 2.5 10/14/2022 0 - 260 ND ND ND ND ND ND ND BES22-62 2.5 10/14/2022 0 - 346 ND SE SE | ND |
| BES22-62 2.5 10/14/2022 0 - 346 ND | ND |
| BES22-63 2.5 10/14/2022 0 - 321 ND | ND |
| BES22-64 2.5 10/14/2022 0 - 280 ND | ND |
| BES22-65 2 10/6/2022 0 - 213 ND | ND ND |
| BES22-66 2.5 10/14/2022 0 - 272 ND | ND 97 |
| BES22-67 2 10/6/2022 0 - 792 ND | ND |
| BES22-67 2.5 10/14/2022 0 - 232 ND | 450 |
| BES22-69 2.5 10/14/2022 0 - 365 ND | ND |
| BES22-70 2 10/14/2022 0 58 589 ND | ND |
| BES22-71 2 10/14/2022 0 - 602 ND | ND |
| BES22-72 2 10/14/2022 0 - 489 ND | ND |
| BES22-73 2 10/14/2022 0 - 436 ND ND ND ND ND ND ND ND ND | ND |
| | ND ND |
| BES22-74 2 10/14/2022 0 - 505 ND ND ND ND ND ND ND ND ND | ND |
| BES22-75 2 10/14/2022 0 - 260 ND ND ND ND ND ND ND ND ND | ND |
| BES22-76 2 10/14/2022 0 - 382 ND ND ND ND ND ND ND ND ND | ND |
| BES22-77 2 10/14/2022 0 47 561 ND ND ND ND ND ND ND ND ND | ND |
| BES22-78 2 10/14/2022 0 - 477 ND ND ND ND ND ND ND ND ND | ND |
| BES22-79 2 10/14/2022 0 - 568 ND ND ND ND ND ND ND ND ND | ND |
| BES22-80 2 10/14/2022 0 - 529 ND | ND |
| | ND ND |
| BES22-82 2 10/14/2022 0 92 228 ND | ND |
| BES22-83 2 10/14/2022 0 - 720 ND | ND |
| BES22-85 2 10/6/2022 0 - 1,283 ND | ND |
| BES22-86 2 10/13/2022 0 18 342 ND ND ND ND ND ND ND ND ND | ND |
| BES22-87 2 10/13/2022 0 - 397 ND ND ND ND ND ND ND ND ND | ND |
| BES22-88 2 10/13/2022 0 - 485 ND | ND |
| BES22-89 2 10/13/2022 0 - 709 ND | ND ND |
| BES22-90 4 10/6/2022 0 1 38 ND | ND |
| BES22-91 2 10/13/2022 0 48 590 ND | ND |
| BES22-93 2 10/13/2022 0 - 532 ND | ND |
| BES22-94 2 10/13/2022 0 61 246 ND | ND |
| BES22-95 4 10/6/2022 0 - 203 ND ND ND ND ND ND ND ND ND | 90 |
| BES22-96 4 10/6/2022 0 - 20 ND ND ND ND ND ND ND ND ND | ND |
| BES22-97 2 10/13/2022 0 - 435 ND | ND |
| BES22-98 2 10/13/2022 0 - 492 ND | ND ND |
| BES22-99 2 10/13/2022 0 - 460 ND | |
| BES22-100 2 10/13/2022 0 33 012 ND | |
| BE322-101 4 10/13/2022 0 - 245 ND | ND ND |
| BES22-103 2 10/13/2022 0 - 447 ND | ND |
| BES22-104 2 10/6/2022 0 - 493 ND | ND ND |



| | Т | able 3. Confirma | tory Samp | le Field So | reen and | Laborator | y Results - | Depth to | Groundw | ater <50 f | eet bgs | | |
|------------------------|----------------|------------------|---|---|---|---------------------------|------------------------------|--|----------------------------|-------------------------------------|------------------------|---|--|
| S | Sample Descrip | otion | Fi | eld Screeni | ng | | - | Petrole | eum Hydro | carbons | | | |
| | | | ds | | | Vol | atile | | | Extractable | 9 | | Inorganic |
| Sample ID | Depth (ft) | Sample Date | 원 Volatile Organic Compounds ③ (PID) | Extractable Organic G Compounds (PetroFlag) | d) (m) (m) (m) (m) (m) (m) (m) (m) (m) (m | eue Beuzene (mg/kg) | a) gay (gay (Total) | ଞ୍ଚ ଜ୍ଞ ସେoline Range Organics ଅନ୍ଧି (GRO) | ଅ ଅଧି (DRO) (DRO) | 원 Motor Oil Range Organics (MRO) | (GRO + DRO) (mg/kg) | ଞ୍ଚି Total Petroleum ଝ୍ରୁ Hydrocarbons (TPH) | (a) (b) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c |
| BES22-105 | 2 | 10/13/2022 | 0 | 24 | 252 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-106 | 2 | 10/6/2022 | 0 | 5 | 355 | ND | ND | ND | ND | ND | ND | ND | 150 |
| BES22-107 | 4 | 10/13/2022 | 0 | - | 481 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-108 | 4 | 10/6/2022 | 0 | - | 431 | ND | ND | ND | ND | ND | ND | ND | 210 |
| BES22-109 | 2 | 10/6/2022 | 0 | - | 635 | ND | ND | ND | ND | ND | ND | ND | 400 |
| BES22-110 | 2 | 10/13/2022 | 0 | - | 462 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-110 BES22-111 | 2 | 10/13/2022 | 0 | - | 477 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-112 | 2 | 10/13/2022 | 0 | 20 | 384 | ND | ND | ND | ND | ND | ND | ND | ND |
| BES22-112 BES22-113 | 2 | 10/13/2022 | 0 | - | 440 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-01 | 1 | 10/7/2022 | 0 | - | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-01 | 1 | 10/7/2022 | 0 | 19 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-02 | 1 | 10/19/2022 | 0 | 64 | 300 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-04 | 1 | 10/19/2022 | 0 | - | 429 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-05 | 1 | 10/19/2022 | 0 | - | 562 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-06 | 1 | 10/19/2022 | 0 | - | 605 | ND | ND | ND | ND | ND | ND | ND | 110 |
| WES22-07 | 1 | 10/19/2022 | 0 | - | 622 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-08 | 1 | 10/18/2022 | 0 | - | 297 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-09 | 1 | 10/13/2022 | 0 | - | 372 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-10 | 1 | 10/18/2022 | 0 | 79 | 535 | ND | ND | ND | ND | ND | ND | ND | 760 |
| WES22-10 | 1 | 10/27/2022 | 0 | 37 | 622 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-10 | 1 | 10/18/2022 | 0 | - | 345 | ND | ND | ND | ND | ND | ND | ND | 120 |
| WES22-12 | 2 | 10/7/2022 | 0 | 28 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-12 | 2 | 10/18/2022 | 0 | - | 190 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-14 | 2 | 10/18/2022 | 0 | - | 419 | ND | ND | ND | ND | ND | ND | ND | 160 |
| WES22-15 | 1 | 10/18/2022 | 0 | - | 362 | ND | ND | ND | ND | ND | ND | ND | 66 |
| WES22-16 | 1 | 10/18/2022 | 0 | 50 | 384 | ND | ND | ND | ND | ND | ND | ND | 130 |
| WES22-10 | 1 | 10/7/2022 | 0 | - | 580 | ND | ND | ND | ND | ND | ND | ND | 350 |
| WES22-18 | 1 | 10/18/2022 | 0 | - | 243 | ND | ND | ND | ND | ND | ND | ND | 180 |
| WES22-18 WES22-19 | 1 | 10/19/2022 | 0 | - | 597 | ND | ND | ND | ND | ND | ND | ND | 89 |
| WES22-19 | 1 | 10/7/2022 | 0 | 54 | 343 | ND | ND | ND | ND | ND | ND | ND | 330 |
| WES22-20 | 1 | 10/7/2022 | 0 | - | 290 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-22 | 1 | 10/19/2022 | 0 | - | 245 | ND | ND | ND | ND | ND | ND | ND | 140 |
| WES22-22 | 1 | 10/19/2022 | 0 | 17 | 352 | ND | ND | ND | ND | ND | ND | ND | 97 |
| WES22-23 | 1 | 10/18/2022 | 0 | - | 371 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-24 | 1 | 10/19/2022 | 0 | - | 532 | ND | ND | ND | ND | ND | ND | ND | 110 |
| WES22-25 | 1 | 10/19/2022 | 0 | - | 555 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-20 | 1 | 10/19/2022 | 0 | 64 | 428 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-27 | 1 | 10/19/2022 | 0 | 21 | 605 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-28 | 1 | 10/19/2022 | 0 | - | 490 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-29 WES22-30 | 1 | 10/7/2022 | 0 | 23 | 24 | ND | ND | ND | ND | ND | ND | ND | 110 |
| WES22-30 | 1 | 10/19/2022 | 0 | - | 612 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-31 WES22-32 | 1 | 10/19/2022 | 0 | - | 540 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-32 WES22-33 | 1 | 10/19/2022 | 0 | _ | 529 | ND | ND | ND | ND | ND | ND | ND | ND |
| WES22-33 WES22-34 | 1 | 10/19/2022 | 0 | _ | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | 0 | - | 20 | ND | ND | ND | ND | ND | ND | ND | 300 |
| WES22-35 | 1 | 10/7/2022 | U | - | 20 | NU | טא | NU | טא | טא | ND | טא | 500 |

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

Bold and grey shaded indicates exceedance outside of NMOCD Closure Criteria (on-pad)

Bold and green shaded indicates exceedance outside of NMOCD Reclamation Criteria (off-pad)



ATTACHMENT 4



U.S. Fish and Wildlife Service

National Wetlands Inventory

Intermittent 3,555 feet



May 3, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- **Freshwater Pond**

Lake Other Riverine

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

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National Wetlands Inventory (NWI) This page was produced by the NWI mapper

National Wetlands Inventory

Pond 2,002 feet



May 3, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

Lake Other Riverine

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



| | | | 00 | | v | | e Engineer J mmary |
|---------------------------------|---------------|--|-----|-----|-----|-----------|------------------------------|
| | | (quarters are 1=N (quarters are sma | | | | (NAD83 UT | TM in meters) |
| Well Tag | POD Number | Q64 Q16 Q4 | Sec | Tws | Rng | Х | Y |
| NA | C 04326 POD49 | 2 4 3 | 23 | 23S | 29E | 597378 | 3572591 🌍 |
| × Driller Lic Driller Nai | | Driller Compa | ny: | | | | |
| Drill Start | Date: | Drill Finish Da | te: | | | Plu | g Date: |
| Log File D | ata. | PCW Rcv Date | • | | Sa | irce: | |

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

Pipe Discharge Size:

Depth Well:

5/3/22 1:45 PM

Pump Type:

Casing Size:

POINT OF DIVERSION SUMMARY

Estimated Yield:

Depth Water:

OSE POD Locations 0.5 mile



5/3/2022, 1:39:38 PM





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

New Mexico Office of the State Engineer Water Right Summary

| and the second sec | | 0 | | |
|--|---------------------------|-------------------------|--------------------------|---|
| WR File Number: | C 02707 | Subbasin: C | Cross Refe | rence: - |
| Primary Purpose: | | | | |
| Primary Status: | PMT PERMIT | | | |
| Total Acres: | | Subfile: | - | Header: - |
| Total Diversion: | 0 | Cause/Case: | - | |
| Owner: | IMC KALIUM | | | |
| Contact: | SCOTT VAIL | | | |
| ocuments on File | Status | | From/ | |
| Trn # Doc File/ | Act 1 2 | Transaction Desc. | То | Acres Diversion Consumptive |
| get <u>images</u> <u>466312 72121 2000-</u> | 05-15 PMT LOG | C 02707 | Т | 3 |
| arrent Points of Diversion | | | | |
| | Q | (NA | D83 UTM in meters) | |
| POD Number Well C 02707 | TagSource64Q160Shallow | | X Y 595535 3571868* 📀 | Other Location Desc |
| *An (*) after north | ing value indicates UTM l | ocation was derived fro | m PLSS - see Help | |
| | 1 11 | | - 1 | ISC make no warranties, expressed or im |

concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/3/22 1:59 PM

WATER RIGHT SUMMARY

New Mexico Office of the State Engineer Water Right Summary

| F | WR File Number: | C 04326 | Subbasin: CUB | Cross Reference: | - |
|-----------------------|-------------------------|------------------|---------------|------------------|-----------|
| | Primary Purpose: | MON MONITORING | WELL | | |
| <u>get image list</u> | Primary Status: | PMT PERMIT | | | |
| | Total Acres: | | Subfile: - | | Header: - |
| | Total Diversion: | 0 | Cause/Case: - | | |
| | Agent: | LT ENVIRONMENTAL | INC | | |
| | Contact: | STUART HYDE, LG | | | |
| | User: | XTO ENERGY INC | | | |
| | Contact: | KYLE LITTRELL | | | |

Documents on File

| | | | | Sta | atus | | From/ | | | |
|--------------------------|------------------------|------|------------|-----|------|-------------------|-------|-------|-----------|-------------|
| | Trn # | Doc | File/Act | 1 | 2 | Transaction Desc. | То | Acres | Diversion | Consumptive |
| imag | <u>t</u> <u>684112</u> | EXPL | 2020-12-28 | PMT | APR | C 04326 POD47-53 | Т | 0 | 0 | |
| imag | <u>t</u> <u>681901</u> | EXPL | 2020-11-18 | PMT | APR | C 04326 POD46 | Т | 0 | 0 | |
| image ge | <u>t</u> <u>668116</u> | EXPL | 2020-02-24 | PMT | APR | C 04326 POD44-45 | Т | 0 | 0 | |
| imag ge | <u>t</u> <u>663909</u> | EXPL | 2020-01-02 | PMT | APR | C 04326 POD40-43 | Т | 0 | 0 | |
| imag ge | <u>t</u> <u>661556</u> | EXPL | 2019-10-29 | PMT | APR | C 04326 POD30-39 | Т | 0 | 0 | |
| imag ge | <u>t</u> <u>658978</u> | EXPL | 2019-09-20 | PMT | APR | C 04326 POD17-29 | Т | 0 | 0 | |
| <u>ee</u> <u>imag</u> | | EXPL | 2019-05-08 | PMT | LOG | C 04326 POD1-16 | Т | 0 | 0 | |

(NAD83 UTM in meters)

Current Points of Diversion

| | | | Q | | | | | (| | , | |
|----------------------|----------|---------|----|-----|----|-----|-----|-----|--------|-----------|----------------------------|
| POD Number | Well Tag | Source | 64 | Q16 | Q4 | Sec | Tws | Rng | Х | Y | Other Location Desc |
| <u>C 04326 POD1</u> | NA | | 1 | 2 | 3 | 23 | 23S | 29E | 598125 | 3572992 🧲 | BH01 |
| <u>C 04326 POD10</u> | NA | | 4 | 2 | 3 | 23 | 23S | 29E | 598170 | 3572882 🧲 | BH10 |
| <u>C 04326 POD11</u> | NA | | 4 | 2 | 3 | 23 | 23S | 29E | 598221 | 3572827 🧲 | BH11 |
| <u>C 04326 POD12</u> | NA | | 4 | 2 | 3 | 23 | 23S | 29E | 598229 | 3572790 🧲 | BH12 |
| <u>C 04326 POD13</u> | NA | | 4 | 2 | 3 | 23 | 23S | 29E | 598250 | 3572791 🥑 | BH13 |
| <u>C 04326 POD14</u> | NA | Shallow | 4 | 2 | 3 | 23 | 23S | 29E | 598191 | 3572765 🧲 | BH14 |
| <u>C 04326 POD15</u> | NA | | 2 | 4 | 3 | 23 | 23S | 29E | 598202 | 3572692 🧲 | BH15 |
| <u>C 04326 POD16</u> | NA | Shallow | 2 | 4 | 3 | 23 | 23S | 29E | 598209 | 3572664 🥑 | BH16 |
| <u>C 04326 POD17</u> | NA | | 4 | 2 | 3 | 23 | 23S | 29E | 598198 | 3572729 🥑 | BH17 |
| <u>C 04326 POD18</u> | NA | | 4 | 2 | 3 | 23 | 23S | 29E | 598169 | 3572792 🥑 | BH18 |
| <u>C 04326 POD19</u> | NA | | 2 | 4 | 3 | 23 | 23S | 29E | 598233 | 3572673 🥑 | BH19 |
| <u>C 04326 POD2</u> | NA | | 1 | 2 | 3 | 23 | 23S | 29E | 598156 | 3572980 🧉 | BH02 |
| <u>C 04326 POD20</u> | NA | | 2 | 4 | 3 | 23 | 23S | 29E | 598250 | 3572684 🥑 | BH20 |
| <u>C 04326 POD21</u> | NA | | 2 | 4 | 3 | 23 | 23S | 29E | 598250 | 3572654 🥑 | BH21 |
| <u>C 04326 POD22</u> | NA | | 4 | 2 | 3 | 23 | 23S | 29E | 598229 | 3572722 🥑 | BH22 |
| <u>C 04326 POD23</u> | NA | | 1 | 4 | 3 | 23 | 23S | 29E | 598166 | 3572662 🥑 | BH23 |
| <u>C 04326 POD24</u> | NA | | 3 | 2 | 3 | 23 | 23S | 29E | 598160 | 3572716 🥑 | BH24 |
| <u>C 04326 POD25</u> | NA | | 3 | 2 | 3 | 23 | 23S | 29E | 598124 | 3572747 🌍 | BH25 |

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| Received by 2860 12/2/202 | 2 _{NA} 02:23 PM | 4 | 2 | 3 | 23 | 23S 29E | 598193 | 3572746 🦲 | RW01/BH26 |
|---------------------------|--------------------------|---|---|---|----|---------|--------|-----------|-----------|
| <u>C 04326 POD27</u> | NA | 2 | 4 | 3 | 23 | 23S 29E | 598272 | 3572684 🦲 | MW01 |
| <u>C 04326 POD28</u> | NA | 2 | 4 | 3 | 23 | 23S 29E | 598205 | 3572644 🦲 | MW02 |
| <u>C 04326 POD29</u> | NA | 3 | 2 | 3 | 23 | 23S 29E | 598145 | 3572769 🦲 | MW03 |
| <u>C 04326 POD3</u> | NA | 1 | 2 | 3 | 23 | 23S 29E | 598156 | 3572962 🧧 | BH03 |
| <u>C 04326 POD30</u> | NA | 4 | 2 | 3 | 23 | 23S 29E | 598178 | 3572763 🧧 | BH-27 |
| <u>C 04326 POD31</u> | NA | 4 | 2 | 3 | 23 | 23S 29E | 598259 | 3572726 🧿 | BH-28 |
| <u>C 04326 POD32</u> | NA | 4 | 2 | 3 | 23 | 23S 29E | 598253 | 3572726 🥘 | BH-29 |
| <u>C 04326 POD33</u> | NA | 4 | 2 | 3 | 23 | 23S 29E | 598253 | 3572750 🧲 | BH-30 |
| <u>C 04326 POD34</u> | NA | 2 | 4 | 3 | 23 | 23S 29E | 598266 | 3572696 🧲 | BH-31 |
| <u>C 04326 POD35</u> | NA | 3 | 2 | 3 | 23 | 23S 29E | 598142 | 3572767 🥑 | BH-35 |
| <u>C 04326 POD36</u> | NA | 4 | 2 | 3 | 23 | 23S 29E | 598256 | 3572777 🥑 | BH-33 |
| <u>C 04326 POD37</u> | NA | 4 | 2 | 3 | 23 | 23S 29E | 598282 | 3572751 🥑 | BH-34 |
| <u>C 04326 POD38</u> | NA | 2 | 4 | 3 | 23 | 23S 29E | 598217 | 3572633 🥑 | BH-35 |
| <u>C 04326 POD39</u> | NA | 2 | 4 | 3 | 23 | 23S 29E | 598266 | 3572683 🥑 | BH-36 |
| <u>C 04326 POD4</u> | NA | 1 | 2 | 3 | 23 | 23S 29E | 598136 | 3572962 🥑 | BH04 |
| <u>C 04326 POD40</u> | NA | | 2 | 3 | 23 | 23S 29E | 598115 | 3572815 🥑 | BH-37 |
| <u>C 04326 POD41</u> | NA | | 2 | 3 | 23 | 23S 29E | 598098 | 3572775 🥑 | BH-38 |
| <u>C 04326 POD42</u> | NA | | 2 | 3 | 23 | 23S 29E | 598113 | 3572694 🥑 | BH-39 |
| <u>C 04326 POD43</u> | NA | | 2 | 3 | 23 | 23S 29E | 598154 | 3572971 🥘 | BH-40 |
| <u>C 04326 POD44</u> | NA | 3 | 2 | 3 | 23 | 23S 29E | 598050 | 3572781 🥘 | BH-49 |
| <u>C 04326 POD45</u> | NA | 3 | 2 | 3 | 23 | 23S 29E | 598096 | 3572822 🥘 | BH-50 |
| <u>C 04326 POD46</u> | NA | 3 | 2 | 3 | 23 | 23S 29E | 598132 | 3572748 🥑 | BH61 |
| <u>C 04326 POD47</u> | NA | 1 | 4 | 3 | 23 | 23S 29E | 598129 | 3572612 🥘 | BH54 |
| <u>C 04326 POD48</u> | NA | 1 | 4 | 3 | 23 | 23S 29E | 598111 | 3572597 🥘 | BH55 |
| <u>C 04326 POD49</u> | NA | 2 | 4 | 3 | 23 | 23S 29E | 597378 | 3572591 🥘 | BH56 |
| <u>C 04326 POD5</u> | NA | 2 | 2 | 3 | 23 | 23S 29E | 598170 | 3572940 🌍 | BH05 |
| <u>C 04326 POD50</u> | NA | 3 | 2 | 3 | 23 | 23S 29E | 597992 | 3572782 🌍 | BH57 |
| <u>C 04326 POD51</u> | NA | 3 | 2 | 3 | 23 | 23S 29E | 598035 | 3572817 🧲 | BH58 |
| <u>C 04326 POD52</u> | NA | 4 | 2 | 3 | 23 | 23S 29E | 598367 | 3572767 🌍 | BH59 |
| <u>C 04326 POD53</u> | NA | 4 | 2 | 3 | 23 | 23S 29E | 598326 | 3572820 🌍 | BH60 |
| <u>C 04326 POD6</u> | NA | 1 | 2 | 3 | 23 | 238 29E | 598125 | 3572940 🌍 | BH06 |
| <u>C 04326 POD7</u> | NA | 3 | 2 | 3 | 23 | 238 29E | 598157 | 3572894 🥘 | BH07 |
| <u>C 04326 POD8</u> | NA | 3 | 2 | 3 | 23 | 238 29E | 598097 | 3572884 🥘 | BH08 |
| <u>C 04326 POD9</u> | NA | 3 | 2 | 3 | 23 | 23S 29E | 598136 | 3572873 🥘 | BH09 |
| | | | | | | | | | |

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5/3/22 1:46 PM

WATER RIGHT SUMMARY

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

| | Çk | (acre | ft per annum) | | | Well | (R=POD has been replaced and no longer serves this file, C=the file is closed) | | rs are smallest | =NE 3=SW 4=SE) to largest) | (NAI | 083 UTM in meters |) |
|----------------------------------|---------------------|------------|---|--------------|----------------------------------|------|--|----------|--------------------------------------|-------------------------------|-------------|-------------------|------------------|
| WR File Nbr C 01090 | Sub basin CUB | Use EXP | Diversion Owner 0 VALLEY LAND COMPANY | County ED | POD Number C 01090 | Tag | Code Grant | Source | q q q 6416 4 Sec 2 2 06 | | X 592563 | Y 3568831* | Distance 4955 |
| C 01091 | CUB | | 0 VALLEY LAND CO. | ED | <u>C 01091</u> | | | | 2 2 06 | 24S 29E | 592563 | 3568831* | 4955 |
| <u>C 01217</u> | | СОМ | | ED | C 01217 S | | | Shallow | 4 1 4 16 | | 595413 | 3574403* | 3750 |
| C 01627 | С | PRO | NATIONAL ASSOCIATION 0 EXXON CORPORATION | ED | <u>C 01627</u> | | | | 1 4 4 28 | | 595649 | 3570959* | 1364 |
| C 02012 | С | STK | 3 HENRY H GRANDI | ED | C 02012 | | | | 3 16 | 23S 29E | 594705 | 3574293* | 4012 |
| C 02182 | С | PRO | 0 SANTA FE ENERGY | ED | C 02182 | | | Shallow | 4 30 | 23S 29E | 592328 | 3571048* | 4685 |
| C 02486 | С | PRO | 0 TEXACO EXPLORATION & PROD. | ED | <u>C 02486</u> | | | | 3 2 3 19 | | 601304 | 3572832* | 4661 |
| C 02500 | CUB | EXP | 0 UNITED SALT CORPORATION | ED | C 02500 | | | | 4 3 2 17 | | 593800 | 3574791* | 4961 |
| C 02608 | CUB | | 0 UNITED SALT CORPORATION | ED | <u>C 02608</u> | | | Shallow | 3 1 4 17 | 23S 29E | 593598 | 3574387* | 4802 |
| C 02613 | | EXP | 0 UNITED SALT CORPORATION | ED | C 02613 | | | Dimitoti | 4 4 2 20 | | 594203 | 3573176* | 3547 |
| <u>C 02622</u> | | сом | | ED | <u>C 01217 S</u> | | | Shallow | 4 1 4 16 | | 595413 | 3574403* | 3750 |
| <u>C 02707</u> | с | com | 0 IMC KALIUM | ED | <u>C 02707</u> | | | Shallow | 2 28 | | 595535 | 3571868* | 1708 |
| C 02715 | | MON | | ED | C 02715 | | | Shanow | 4 1 3 15 | 238 29E | 596221 | 3574411* | 3491 |
| C 02716 | | MON | | ED | <u>C 02715</u> | | | | 4 4 4 16 | | 595818 | 3574002* | 3220 |
| C 02716 | | MON | | ED | <u>C 02716</u> C 02717 | | | | 4 4 4 16 | | 595818 | 3574402* | 3600 |
| <u>C 02717</u> <u>C 02718</u> | | MON | | ED ED | <u>C 02717</u> <u>C 02718</u> | | | | 4 2 4 16 | | 595817 | 3574812* | 3600 |
| <u>C 02718</u> C 02720 | | MON | | ED ED | <u>C 02718</u> C 02720 | | | | | 238 29E 238 29E | 595816 | 3573690* | 3985 |
| <u>C 02721</u> | | MON | | | | | | | | 238 29E | | - | |
| <u>C 02721</u> C 02794 | | MON | | ED | <u>C 02721</u> C 02794 | | | | 4 3 10 | | 594915 | 3572879* | 2809 4745 |
| | | | | ED | | | | | | | 596518 | 3575731* | |
| <u>C 02795</u> | | MON | | ED | <u>C 02795</u> | | | | 4 3 10 | 23S 29E | 596518 | 3575731* | 4745 |
| <u>C 02797</u> | | MON | | ED | <u>C 02797</u> | | | | 2 3 22 | 238 29E | 596540 | 3572895* | 1942 |
| <u>C 02808</u> | | MON | | ED | <u>C 02808</u> | | | | | 23S 29E | 594909 | 3574501* | 4075 |
| <u>C 02809</u> | | MON | | ED | <u>C 02809</u> | | | | 2 3 16 | | 594909 | 3574501* 🥥 | 4075 |
| <u>C 03057</u> | | EXP | 0 UNITED SALT CORPORATION | ED | <u>C 03057 EXPLORE</u> | | | | 4 1 1 21 | | 594605 | 3573586* 🌍 | 3525 |
| <u>C 03058</u> | CUB | | 0 UNITED SALT CORPORATION | ED | <u>C 03058 EXPLORE</u> | | | | 4 1 1 16 | | 594605 | 3575206* 😜 | 4836 |
| <u>C 03377</u> | С | STK | 3 B F & G FARMS | ED | <u>C 03377 POD1</u> | | | | 3 3 2 29 | | 593596 | 3571587 🌍 | 3465 |
| <u>C 03587</u> | | MON | | ED | <u>C 03587 POD1</u> | | | Shallow | 1 4 3 29 | 23S 29E | 593337 | 3570754 | 3684 |
| <u>C 04326</u> | CUB | MON | 0 LT ENVIRONMENTAL INC | ED | <u>C 04326 POD1</u> | NA | | | 1 2 3 23 | | 598124 | 3572992 | 2272 |
| | | | | ED | <u>C 04326 POD10</u> | | | | 4 2 3 23 | 23S 29E | 598170 | 3572882 🌍 | 2200 |
| | | | | ED | <u>C 04326 POD11</u> | | | | 4 2 3 23 | 23S 29E | 598220 | 3572827 🌍 | 2181 |
| | | | | ED | <u>C 04326 POD12</u> | | | | 4 2 3 23 | 23S 29E | 598228 | 3572790 🌍 | 2155 |
| | | | | ED | <u>C 04326 POD13</u> | | | | 4 2 3 23 | 23S 29E | 598249 | 3572791 🌍 | 2167 |
| | | | | ED | <u>C 04326 POD14</u> | | | Shallow | 4 2 3 23 | 23S 29E | 598190 | 3572765 🌍 | 2113 |
| | | | | ED | <u>C 04326 POD15</u> | | | | 2 4 3 23 | 23S 29E | 598202 | 3572692 🌍 | 2059 |
| | | | | ED | <u>C 04326 POD16</u> | | | Shallow | 2 4 3 23 | | 598209 | 3572664 🌍 | 2040 |
| | | | | ED | <u>C 04326 POD17</u> | | | | 4 2 3 23 | 23S 29E | 598198 | 3572729 🌍 | 2087 |
| | | | | ED | <u>C 04326 POD18</u> | | | | 4 2 3 23 | 23S 29E | 598168 | 3572792 🌍 | 2123 |
| | | | | ED | <u>C 04326 POD19</u> | | | | 2 4 3 23 | 23S 29E | 598232 | 3572673 🌍 | 2062 |
| | | | | ED | <u>C 04326 POD2</u> | | | | 1 2 3 23 | 23S 29E | 598156 | 3572980 🌍 | 2277 |
| | | | | ED | <u>C 04326 POD20</u> | | | | 2 4 3 23 | 23S 29E | 598249 | 3572684 🌍 | 2080 |
| | | | | ED | <u>C 04326 POD21</u> | | | | 2 4 3 23 | 23S 29E | 598250 | 3572654 🌍 | 2056 |
| | | | | ED | <u>C 04326 POD22</u> | | | | 4 2 3 23 | 238 29E | 598228 | 3572722 🌍 | 2099 |
| | | | | ED | <u>C 04326 POD23</u> | | | | 1 4 3 23 | | 598166 | 3572662 🌍 | 2014 |
| | | | | ED | <u>C 04326 POD24</u> | | | | 3 2 3 23 | 238 29E | 598160 | 3572716 🌍 | 2055 |
| | | | | ED | <u>C 04326 POD25</u> | | | | 3 2 3 23 | 23S 29E | 598123 | 3572747 🌍 | 2061 |
| | | | | ED | <u>C 04326 POD26</u> | | | | 4 2 3 23 | 23S 29E | 598193 | 3572746 🌍 | 2099 |
| | | | | ED | <u>C 04326 POD27</u> | | | | 2 4 3 23 | 23S 29E | 598272 | 3572684 🌍 | 2094 |
| | | | | ED | <u>C 04326 POD28</u> | | | | 2 4 3 23 | 23S 29E | 598204 | 3572644 🌍 | 2022 |
| Delegand | to In | ani | ng: 3/7/2023 9:56:12 AM | ED | <u>C 04326 POD29</u> | | | | 3 2 3 23 | 23S 29E | 598145 | 3572769 🌍 | 2091 |

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|----------|---------------------|-----|----------------|--------|----------------|------------------|-----------|--------------|
| ED | | | 1 2 3 | | | 598156 | | |
| ED | | | | | S 29E | 598177 | 3572763 | 2104 |
| ED | | | 4 2 3 | | S 29E | 598258 | 3572726 | 2120 |
| ED | | | 4 2 3 | | 5 29E | 598253 | 3572726 | 2116 |
| ED | | | 4 2 3 | | S 29E | 598253 | 3572750 | 2136 |
| ED | | | | | S 29E | 598265 | 3572696 | 2099 |
| ED | | | 3 2 3 | | 5 29E | 598142 | 3572767 | 2088 |
| ED | | | 4 2 3 | | 5 29E | 598256 | 3572777 | 2160 |
| ED | | | | | S 29E | 598282 | 3572751 | 2154 |
| ED | | | 2 4 3 | | S 29E | 598216 | 3572633 | 2019 |
| ED | | | 2 4 3 | | S 29E | 598266 | 3572683 | 2090 |
| ED | | | 1 2 3 | | 5 29E | 598135 | 3572962 | 2251 |
| ED | | | | | S 29E | 598114 | 3572815 | 2114 |
| ED | | | | | S 29E | 598097 | 3572775 | 2071 |
| ED | | | 2 3 | | S 29E | 598113 | 3572694 | 2010 |
| ED | | | | | S 29E | 598153 | 3572971 | 2267 |
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| ED | | | | | 5 29E | 598325 | 3572767 | 2218 |
| ED | | | 1 2 3 | | 5 29E | 598125 | 3572940 | 22255 |
| ED | | | 3 2 3 | | 5 29E | 598125 | 3572894 | 2203 |
| ED | | | 3 2 3 | | 5 29E | 598097 | 3572884 | 2205 |
| ED | | | | | 5 29E | 598136 | 3572873 | 2175 |
| ED | | NA | 143 | | 5 29E | 598112 | 3572682 | 2000 |
| ED | | na. | 3 2 3 | | | 598103 | 3572791 | 2000 |
| ED | | | 3 2 3 | | 5 29E | 598134 | 3572815 | 2124 |
| ED | | | 141 | | 5 29E | 598126 | 3572657 | 1987 |
| ED | | NA | 1 3 4 | | 5 29E | 596798 | 3567778 | 3239 |
| ED | | | 134 | | 5 29E | 596851 | 3567748 | 3266 |
| ED | | | 2 4 3 | | 5 29E | 596798 | 3567778 | 3239 |
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| ED | | | 2 4 3 | | 5 29E | 596746 | 3567747 | 3274 |
| ED | | | 2 4 3 | | 5 29E | 596747 | 3567654 | 3366 |
| ED | | | 2 4 3 | | 5 29E | 596800 | 3567655 | 3362 |
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| ED | | NA | 2 2 3 | | | 599857 | 3571337 | 2862 |
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| ED | | | 4 1 4 | | S 29E | 600188 | 3572860 | 3674 |
| ED | | | 1 1 4 | | S 29E | 600122 | 3572959 | 3669 |
| ED | | | 1 1 4 | | 8 29E | 600171 | 3572991 | 3727 |
| ED | | | 1 1 4 | | | 600158 | 3572947 | 3693 |
| ED | | | 2 1 4 | | 8 29E | 600198 | 3572931 | 3719 |
| ED | <u>C 04597 POD6</u> | | 4 1 4 | | S 29E | 600221 | 3572917 | 3732 |
| ED | | | 4 1 4 | | 5 29E | 600213 | 3572893 | 3712 |
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Received by OCD: 12/2/2022 2:02:23 PM UTMNAD83 Radius Search (in meters):

Northing (Y): 3571011

Easting (X): 597013

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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

Radius: 5000

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National Wetlands Inventory

Wetland 4,486 feet



May 3, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Forested/Shrub Wetland **Freshwater Pond**

Freshwater Emergent Wetland

Lake

Other

Riverine

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

Released to Imaging: 3/7/2023 9:56:12 AM

National Wetlands Inventory (NWI) This page was produced by the NWI mapper

Active Mines in New Mexico



5/3/2022, 4:29:28 PM --- Township / Range Department of Energy Tribal Sections National Park Service US Fish and Wildlife Service Land Ownership **US** Forest Service Private Land Bureau of Land Management **Registered Mines** State Game and Fish Bureau of Reclamation Aggregate, Stone etc. State Land 磡 Potash Department of Agriculture State Parks Department of Defense Salt

U.S. Bureau of Land Management - New Mexico State Office, Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

EMNRD MMD GIS Coordinator

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NM Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)



Received by OCD: 12/2/2022 2:02:23,PM National Flood Hazard Layer FIRMette



Legend

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



USDA United States Department of Agriculture

> Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Eddy Area, New Mexico



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/? cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

.

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



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Custom Soil Resource Report

| | MAP L | EGEND | | MAP INFORMATION | | |
|---|---------------------------|-------------|----------------------------------|---|--|--|
| Area of In | Area of Interest (AOI) | | Spoil Area | The soil surveys that comprise your AOI were mapped at 1:20.000. | | |
| | Area of Interest (AOI) | ۵ | Stony Spot | 1.20,000. | | |
| Soils | Soil Map Unit Polygons | 00 | Very Stony Spot | Warning: Soil Map may not be valid at this scale. | | |
| | Soil Map Unit Lines | Ŷ | Wet Spot | | | |
| ~ | Soil Map Unit Points | \triangle | Other | Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil | | |
| Constant of the second | · | | Special Line Features | line placement. The maps do not show the small areas of | | |
| Special (0) | Point Features Blowout | Water Featu | ires | contrasting soils that could have been shown at a more detailed scale. | | |
| × | Borrow Pit | \sim | Streams and Canals | | | |
| <u>م</u> | Clay Spot | Transportat | ion Rails | Please rely on the bar scale on each map sheet for map measurements. | | |
| õ | Closed Depression | +++ | | การสวนใช้ทำชานร. | | |
| × | Gravel Pit | | Interstate Highways US Routes | Source of Map: Natural Resources Conservation Service Web Soil Survey URL: | | |
| | Gravelly Spot | | Major Roads | Coordinate System: Web Mercator (EPSG:3857) | | |
| 0 | Landfill | | Local Roads | Mana from the Web Call Survey are based on the Web Marasta | | |
| Ā | Lava Flow | | | Maps from the Web Soil Survey are based on the Web Mercato projection, which preserves direction and shape but distorts | | |
| یار عاد | Marsh or swamp | Background | a Aerial Photography | distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more | | |
| ~ | Mine or Quarry | | | accurate calculations of distance or area are required. | | |
| 6 | Miscellaneous Water | | | This product is generated from the USDA-NRCS certified data a | | |
| ŏ | Perennial Water | | | of the version date(s) listed below. | | |
| Ň | Rock Outcrop | | | Soil Survey Area: Eddy Area, New Mexico | | |
| + | Saline Spot | | | Survey Area Data: Version 17, Sep 12, 2021 | | |
| ** | Sandy Spot | | | Soil map units are labeled (as space allows) for map scales | | |
| - | Severely Eroded Spot | | | 1:50,000 or larger. | | |
| ô | Sinkhole | | | Date(s) aerial images were photographed: Feb 7, 2020—May | | |
| ò | Slide or Slip | | | 12, 2020 | | |
| ġ | Sodic Spot | | | The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident. | | |

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI | |
|-----------------------------|---|--------------|----------------|--|
| PA | Pajarito loamy fine sand, 0 to 3 percent slopes, eroded | 7.6 | 90.4% | |
| SM | Simona-Bippus complex, 0 to 5 percent slopes | 0.8 | 9.6% | |
| Totals for Area of Interest | | 8.4 | 100.0% | |

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,
onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Eddy Area, New Mexico

PA—Pajarito loamy fine sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w54 Elevation: 2,700 to 5,500 feet Mean annual precipitation: 5 to 15 inches Mean annual air temperature: 57 to 70 degrees F Frost-free period: 180 to 250 days Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 98 percent Minor components: 2 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pajarito

Setting

Landform: Plains, interdunes, dunes Landform position (three-dimensional): Side slope Down-slope shape: Convex, linear Across-slope shape: Linear, convex Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 13 inches: loamy fine sand H2 - 13 to 36 inches: fine sandy loam H3 - 36 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.9 inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 7e Hydrologic Soil Group: A Ecological site: R042XC003NM - Loamy Sand Hydric soil rating: No

Minor Components

Wink

Percent of map unit: 1 percent Ecological site: R042XC003NM - Loamy Sand Hydric soil rating: No

Berino

Percent of map unit: 1 percent Ecological site: R042XC003NM - Loamy Sand Hydric soil rating: No

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
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

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Frequency of ponding: None *Calcium carbonate, maximum content:* 15 percent *Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm) *Sodium adsorption ratio, maximum:* 1.0 *Available water supply, 0 to 60 inches:* Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7e Hydrologic Soil Group: D Ecological site: R042XC002NM - Shallow Sandy 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
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: OccasionalNone
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Interpretive groups

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

Minor Components

Simona

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

Bippus

Percent of map unit: 7 percent *Ecological site:* R042XC017NM - Bottomland

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Hydric soil rating: No

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USDA Natural Resources Conservation Service

Ecological site R042XC003NM Loamy Sand

Accessed: 05/03/2022

General information



Figure 1. Mapped extent

Areas shown in blue indicate the maximum mapped extent of this ecological site. Other ecological sites likely occur within the highlighted areas. It is also possible for this ecological site to occur outside of highlighted areas if detailed soil survey has not been completed or recently updated.

Associated sites

| R042XC004NM | Sandy Sandy |
|-------------|-------------------------------|
| R042XC005NM | Deep Sand Deep Sand |

Table 1. Dominant plant species

| Tree | Not specified |
|------------|---------------|
| Shrub | Not specified |
| Herbaceous | Not specified |

Physiographic features

This site is on uplands, plains, dunes, fan piedmonts and in inter dunal areas. The parent material consists of mixed alluvium and or eolian sands derived from sedimentary rock. Slope range on this site range from 0 to 9 percent with the average of 5 percent.

Low stabilized dunes may occur occasionally on this site. Elevations range from 2,800 to 5,000 feet.

Table 2. Representative physiographic features

| Landforms | (1) Fan piedmont(2) Alluvial fan(3) Dune |
|-----------|--|
| Elevation | 2,800–5,000 ft |
| Slope | 0–9% |
| Aspect | Aspect is not a significant factor |

Climatic features

The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common. Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity-short duration thunderstorms.

Temperatures are characterized by distinct seasonal changes and large annual and diurnal temperature changes. The average annual temperature is 61 degrees with extremes of 25 degrees below zero in the winter to 112 degrees in the summer.

The average frost-free season is 207 to 220 days. The last killing frost being late March or early April and the first killing frost being in later October or early November.

Temperature and rainfall both favor warm season perennial plant growth. In years of abundant spring moisture, annual forbs and cool season grasses can make up an important component of this site. Strong winds blow from the southwest from January through June, which accelerates soil drying during a critical period for cool season plant growth.

Climate data was obtained from http://www.wrcc.sage.dri.edu/summary/climsmnm.html web site using 50% probability for freeze-free and frost-free seasons using 28.5 degrees F and 32.5 degrees F respectively.

Table 3. Representative climatic features

| Frost-free period (average) | 221 days |
|-------------------------------|----------|
| Freeze-free period (average) | 240 days |
| Precipitation total (average) | 13 in |

Influencing water features

This site is not influenced from water from wetlands or streams.

Soil features

Soils are moderately deep or very deep. Surface textures are loamy fine sand, fine sandy loam, loamy very fine sand or gravelly sandy loam.

Subsurface is a loamy fine sand, coarse sandy loam, fine sandy loam or loam that averages less than 18 percent clay and less than 15 percent carbonates.

Substratum is a fine sandy loam or gravelly fine sandy loam with less than 15 percent gravel and with less than 40 percent calcium carbonate. Some layers high in lime or with caliche fragments may occur at depths of 20 to 30 inches.

These soils, if unprotected by plant cover and organic residue, become wind blown and low hummocks are formed.

Minimum and maximum values listed below represent the characteristic soils for this site.

Characteristic soils are: Maljamar Berino

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Table 4. Representative soil features

| - | |
|--|---|
| Surface texture | (1) Fine sand(2) Fine sandy loam(3) Loamy fine sand |
| Family particle size | (1) Sandy |
| Drainage class | Well drained to somewhat excessively drained |
| Permeability class | Moderate to moderately rapid |
| Soil depth | 40–72 in |
| Surface fragment cover <=3" | 0–10% |
| Surface fragment cover >3" | 0% |
| Available water capacity (0-40in) | 5–7 in |
| Calcium carbonate equivalent (0-40in) | 3–40% |
| Electrical conductivity (0-40in) | 2–4 mmhos/cm |
| Sodium adsorption ratio (0-40in) | 0–2 |
| Soil reaction (1:1 water) (0-40in) | 6.6–8.4 |
| Subsurface fragment volume <=3" (Depth not specified) | 4–12% |
| Subsurface fragment volume >3" (Depth not specified) | 0% |

Ecological dynamics

Overview

The Loamy Sand site intergrades with the Deep Sand and Sandy sites (SD-3). These sites can be differentiated by surface soil texture and depth to a textural change. Loamy Sand and Deep Sand sites have coarse textured (sands and loamy sand) surface soils while Sandy sites have moderately coarse textured (sandy loam and fine sandy loam) surfaces. Although Loamy Sand and Deep Sand sites have similar surface textures, the depth to a textural change is different—Loamy Sand sub-surface textures typically increase in clay at approximately 20 to 30 inches, and Deep Sand sites not until around 40 inches.

The historic plant community of Loamy Sand sites is dominated by black grama (*Bouteloua eriopoda*), dropseeds (*Sporobolus flexuosus*, *S. contractus*, *S. cryptandrus*), and bluestems (*Schizachyrium scoparium* and *Andropogon hallii*), with scattered shinnery oak (*Quercus havardii*) and sand sage (*Artemisia filifolia*). Perennial and annual forb abundance and distribution are dependent on precipitation. Litter and to a lesser extent, bare ground, are a significant proportion of ground cover while grasses compose the remainder. Decreases in black grama indicate a transition to either a grass/shrub or shrub-dominated state. The grass/shrub state is composed of grasses/honey mesquite (*Prosopis glandulosa*), grasses/broom snakeweed (*Gutierrezia sarothrae*), or grasses/sand sage. The shrub-dominated state occurs after a severe loss of grass cover and a prevalence of sand sage with secondary shinnery oak and mesquite. Heavy grazing intensity and/or drought are influential drivers in decreasing black grama and bluestems and subsequently increasing shrub cover, erosion, and bare patches. Historical fire suppression also encourages shrub pervasiveness and a competitive advantage over grass species (McPherson 1995). Brush and grazing management, however, may reverse grass/shrub and shrub-dominated states toward the grassland-

State and transition model

Plant Communities and Transitional Pathways (diagram):



MLRA-42, SD-3, Loamy Sand

1a. Drought, over grazing, fire suppression.

1b. Brush control, prescribed grazing

Severe loss of grass cover, fire suppression, erosion.
 Brush control, seeding, prescribed grazing.

3. Continued loss of grass cover, erosion.

Figure 4.

State 1 Historic Climax Plant Community

Community 1.1 Historic Climax Plant Community

Grassland: The historic plant community is a uniformly distributed grassland dominated by black grama, dropseeds, and bluestems. Sand sage and shinnery oak are evenly dispersed throughout the grassland due to the coarse soil surface texture. Perennial and annual forbs are common but their abundance and distribution are reflective of precipitation. Bluestems initially, followed by black grama, decrease with drought and heavy grazing intensity. Historical fire frequency is unknown but likely occurred enough to remove small shrubs to the competitive advantage of grass species. Fire suppression, drought conditions, and excessive grazing drive most grass species out of competition with shrub species.

Diagnosis: Grassland dominated by black grama, dropseeds, and bluestems. Shrubs, such as sand sage, shinnery oak, and mesquite are dispersed throughout the grassland. Forbs are present and populations fluctuate with precipitation variability.

Table 5. Annual production by plant type

| Plant Type | Low (Lb/Acre) | Representative Value (Lb/Acre) | High (Lb/Acre) |
|-----------------|------------------|-----------------------------------|-------------------|
| Grass/Grasslike | 442 | 833 | 1224 |
| Forb | 110 | 208 | 306 |
| Shrub/Vine | 98 | 184 | 270 |
| Total | 650 | 1225 | 1800 |

Table 6. Ground cover

| Tree foliar cover | 0% |
|-----------------------------------|-----|
| Shrub/vine/liana foliar cover | 0% |
| Grass/grasslike foliar cover | 28% |
| Forb foliar cover | 0% |
| Non-vascular plants | 0% |
| Biological crusts | 0% |
| Litter | 50% |
| Surface fragments >0.25" and <=3" | 0% |
| Surface fragments >3" | 0% |
| Bedrock | 0% |
| Water | 0% |
| Bare ground | 22% |

Figure 6. Plant community growth curve (percent production by month). NM2803, R042XC003NM-Loamy Sand-HCPC. SD-3 Loamy Sand - Warm season plant community .

| Jan | Feb | Mar | Apr | Мау | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0 | 0 | 3 | 5 | 10 | 10 | 25 | 30 | 12 | 5 | 0 | 0 |

State 2 Grass/Shrub

Community 2.1 Grass/Shrub Grass/Shrub



 Black grame/Mesquite community, with some dropseeds, threewars, and scattered sand shinnery oak
 Oracs cover low to moderate

Grass/Shrub State: The grass/shrub state is dominated by communities of grasses/mesquite, grasses/snakeweed, or grasses/sand sage. Decreases in black grama and bluestem species lead to an increase in bare patches and mesquite which further competes with grass species. An increase of dropseeds and threeawns occurs. Grass distribution becomes more patchy with an absence or severe decrease in black grama and bluestems. Mesquite provides nitrogen and soil organic matter to co-dominant grasses (Ansley and Jacoby 1998, Ansley et al. 1998). Mesquite mortality when exposed to fire is low due to aggressive resprouting abilities. Herbicide application combined with subsequent prescribed fire may be more effective in mesquite reduction (Britton and Wright 1971).

Diagnosis: This state is dominated by an increased abundance of communities including grass/mesquite, grass/snakeweed, or grass/sand sage. Dropseeds and threeawns have a patchy distribution.

Transition to Grass/Shrub State (1a): The historic plant community begins to shift toward the grass/shrub state as drivers such as drought, fire suppression, interspecific competition, and excessive grazing contribute to alterations in soil properties and herbaceous cover. Cover loss and surface soil erosion are initial indicators of transition followed by a decrease in black grama with a subsequent increase of dropseeds, threeawns, mesquite, and snakeweed. Snakeweed has been documented to outcompete black grama especially under conditions of fire suppression and drought (McDaniel et al. 1984).

Key indicators of approach to transition:

- Loss of black grama cover
- Surface soil erosion
- Bare patch expansion
- Increased dropseed/threeawn and mesquite, snakeweed, or sand sage abundances

Transition to Historic Plant Community (1b): Brush and grazing management may restore the grassland component and reverse shrub or grass/shrub dominated states back toward the historic plant community.

State 3 Shrub Dominated

Community 3.1 Shrub Dominated

Shrub-Dominated State: The shrub-dominated state results from a severe loss of grass cover. This state's primary species is sand sage. Shinnery oak and mesquite also occur; however, grass cover is limited to intershrub distribution. Sand sage stabilizes light sandy soils from wind erosion, which enhances protected grass/forb cover (Davis and Bonham 1979). However, shinnery oak also responds to the sandy soils with dense stands due to an aggressive rhizome system. Shinnery oak's extensive root system promotes competitive exclusion of grasses and forbs. Sand sage, shinnery oak, and mesquite can be controlled with herbicide (Herbel et al. 1979, Pettit 1986).

Transition to Shrub-Dominated (2a): Severe loss of grass species with increased erosion and fire suppression will result in a transition to a shrub-dominated state with sand sage, Shin oak, and honey mesquite directly from the grassland-dominated state.

Key indicators of approach to transition:

- · Severe loss of grass species cover
- Surface soil erosion
- Bare patch expansion
- · Increased sand sage, shinnery oak, and mesquite abundance

Transition to Historic Plant Community (2b): Brush and grazing management may restore the grassland component and reverse shrub or grass/shrub dominated states back toward the historic plant community. In addition, seeding with native grass species will augment the transition to a grassland-dominated state.

Transition to Shrub-Dominated (3): If the grass/shrub site continues to lose grass cover with soil erosion, the site will transition to a shrub-dominated state with sand sage, shinnery oak, and honey mesquite.

Key indicators of approach to transition:

- · Continual loss of dropseeds/threeawns cover
- Surface soil erosion
- Bare patch expansion
- Increased sand sage, shinnery oak, and mesquite/dropseed/threeawn and mesquite/snakeweed abundance

Additional community tables

Table 7. Community 1.1 plant community composition

| Group | Common Name | Symbol | Scientific Name | Annual Production (Lb/Acre) | Foliar Cover (%) |
|-------|-----------------|---------|---------------------------|--------------------------------|---------------------|
| Grass | /Grasslike | | | | |
| 1 | Warm Season | | | 61–123 | |
| | little bluestem | SCSC | Schizachyrium scoparium | 61–123 | _ |
| 2 | Warm Season | | • | 37–61 | |
| | sand bluestem | ANHA | Andropogon hallii | 37–61 | _ |
| 3 | Warm Season | 37–61 | | | |
| | cane bluestem | BOBA3 | Bothriochloa barbinodis | 37–61 | _ |
| | silver bluestem | BOSA | Bothriochloa saccharoides | 37–61 | _ |
| 4 | Warm Season | 123–184 | | | |
| | black grama | BOER4 | Bouteloua eriopoda | 123–184 | _ |
| | bush muhly | MUPO2 | Muhlenbergia porteri | 123–184 | _ |
| 5 | Warm Season | | | 123–184 | |
| | thin paspalum | PASE5 | Paspalum setaceum | 123–184 | _ |
| | -l-! !-# | | Ostanialaiseta | 400 404 | |

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| | piains pristiegrass | SEVUZ | Setaria vuipiseta | 123-184 | - |
|------|---|------------|---|---------|---|
| | fringed signalgrass | URCI | Urochloa ciliatissima | 123–184 | _ |
| 6 | Warm Season | _ I | ł | 123–184 | |
| | spike dropseed | SPCO4 | Sporobolus contractus | 123–184 | _ |
| | sand dropseed | SPCR | Sporobolus cryptandrus | 123–184 | _ |
| | mesa dropseed | SPFL2 | Sporobolus flexuosus | 123–184 | _ |
| 7 | Warm Season | | | 61–123 | |
| | hooded windmill grass | CHCU2 | Chloris cucullata | 61–123 | _ |
| | Arizona cottontop | DICA8 | Digitaria californica | 61–123 | _ |
| 9 | Other Perennial Grasses | • | | 37–61 | |
| | Grass, perennial | 2GP | Grass, perennial | 37–61 | _ |
| Shru | b/Vine | | | | |
| 8 | Warm Season | | | 37–61 | |
| | New Mexico feathergrass | HENE5 | Hesperostipa neomexicana | 37–61 | _ |
| | giant dropseed | SPGI | Sporobolus giganteus | 37–61 | _ |
| 10 | Shrub | | | 61–123 | |
| | sand sagebrush | ARFI2 | Artemisia filifolia | 61–123 | - |
| | Havard oak | QUHA3 | Quercus havardii | 61–123 | _ |
| 11 | Shrub | 34–61 | | | |
| | fourwing saltbush | ATCA2 | Atriplex canescens | 37–61 | _ |
| | featherplume | DAFO | Dalea formosa | 37–61 | _ |
| 12 | Shrub | | | 37–61 | |
| | jointfir | EPHED | Ephedra | 37–61 | _ |
| | littleleaf ratany | KRER | Krameria erecta | 37–61 | _ |
| 13 | Other Shrubs | • | | 37–61 | |
| | Shrub (>.5m) | 2SHRUB | Shrub (>.5m) | 37–61 | _ |
| Forb | | | | | |
| 14 | Forb | | | 61–123 | |
| | leatherweed | CRPOP | Croton pottsii var. pottsii | 61–123 | _ |
| | Indian blanket | GAPU | Gaillardia pulchella | 61–123 | _ |
| | globemallow | SPHAE | Sphaeralcea | 61–123 | _ |
| 15 | Forb | | | 12–37 | |
| | woolly groundsel | PACA15 | Packera cana | 12–37 | _ |
| 16 | Forb | 61–123 | | | |
| | touristplant | DIWI2 | Dimorphocarpa wislizeni | 61–123 | _ |
| | woolly plantain | PLPA2 | Plantago patagonica | 61–123 | _ |
| 17 | Other Forbs | | 1 | 37–61 | |
| | Forb (herbaceous, not grass nor grass-like) | 2FORB | Forb (herbaceous, not grass nor grass-like) | 37–61 | _ |

Animal community

This Ecological Site provides habitat which supports a resident animal community that is characterized by pronghorn antelope, desert cottontail, spotted ground squirrel, black-tailed prairie dog, yellow faced pocket gopher, Ord's kangaroo rat, northern grasshopper mouse, southern plains woodrat, badger, roadrunner, meadowlark, burrowing owl, white necked raven, lesser prairie chicken, morning dove, scaled quail, Harris hawk, side blotched

lizard, marbled whiptail, Texas horned lizard, western diamondback rattlesnake, dusty hognose snake and ornate box turtle.

Where mesquite has invaded, most resident birds and scissor-tailed flycatcher, morning dove and Swainson's hawk, nest. Vesper and grasshopper sparrows utilize the site during migration.

Hydrological functions

The runoff curve numbers are determined by field investigations using hydraulic cover conditions and hydrologic soil groups.

Hydrologic Interpretations Soil Series Hydrologic Group Berino B Kinco A Maljamar B Pajarito B Palomas B Wink B Pyote A

Recreational uses

This site offers recreation potential for hiking, borseback riding, nature observation, photography and hunting. During years of abundant spring moisture, this site displays a colorful array of wildflowers during May and June.

Wood products

This site has no potential for wood products.

Other products

This site is suitable for grazing by all kinds and classes of livestock at any time of year. In cases where this site has been invaded by brush species it is especially suited for goats. Mismanagement of this site will cause a decrease in species such as the bluestems, blsck grama, bush muhly, plains bristlegrass, New Mexico feathergrass, Arizona cottontop and fourwing saltbush. A corresponding increase in the dropseeds, windmill grass, fall witchgrass, silver bluestem, sand sagebrush, shinery oak and ephedra will occur. This will also cause an increase in bare ground which will increase soil erodibility. This site will respond well to a system of management that rotates the season of use.

Other information

Guide to Suggested Initial Stocking Rate Acres per Animal Unit Month Similarity Index Ac/AUM 100 - 762.3 - 3.5 75 - 513.0 - 4.5 50 - 264.6 - 9.0 25 - 09.1 +

Inventory data references

Data collection for this site was done in conjunction with the progressive soil surveys within the Southern Desertic Basins, Plains and Mountains, Major Land Resource Areas of New Mexico. This site has been mapped and correlated with soils in the following soil surveys. Eddy County, Lea County, and Chaves County.

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Contributors

Don Sylvester Quinn Hodgson

Rangeland health reference sheet

Interpreting Indicators of Rangeland Health is a qualitative assessment protocol used to determine ecosystem condition based on benchmark characteristics described in the Reference Sheet. A suite of 17 (or more) indicators are typically considered in an assessment. The ecological site(s) representative of an assessment location must be known prior to applying the protocol and must be verified based on soils and climate. Current plant community cannot be used to identify the ecological site.

| Author(s)/participant(s) | |
|---|-------------------|
| Contact for lead author | |
| Date | |
| Approved by | |
| Approval date | |
| Composition (Indicators 10 and 12) based on | Annual Production |

Indicators

1. Number and extent of rills:

- 3. Number and height of erosional pedestals or terracettes:
- 4. Bare ground from Ecological Site Description or other studies (rock, litter, lichen, moss, plant canopy are not bare ground):
- 5. Number of gullies and erosion associated with gullies:
- 6. Extent of wind scoured, blowouts and/or depositional areas:
- 7. Amount of litter movement (describe size and distance expected to travel):
- 8. Soil surface (top few mm) resistance to erosion (stability values are averages most sites will show a range of values):
- 9. Soil surface structure and SOM content (include type of structure and A-horizon color and thickness):
- 10. Effect of community phase composition (relative proportion of different functional groups) and spatial distribution on infiltration and runoff:
- 11. Presence and thickness of compaction layer (usually none; describe soil profile features which may be mistaken for compaction on this site):
- 12. Functional/Structural Groups (list in order of descending dominance by above-ground annual-production or live foliar cover using symbols: >>, >, = to indicate much greater than, greater than, and equal to):

Dominant:

Sub-dominant:

Other:

Additional:

13. Amount of plant mortality and decadence (include which functional groups are expected to show mortality or decadence):

- 14. Average percent litter cover (%) and depth (in):
- 15. Expected annual annual-production (this is TOTAL above-ground annual-production, not just forage annualproduction):
- 16. Potential invasive (including noxious) species (native and non-native). List species which BOTH characterize degraded states and have the potential to become a dominant or co-dominant species on the ecological site if their future establishment and growth is not actively controlled by management interventions. Species that become dominant for only one to several years (e.g., short-term response to drought or wildfire) are not invasive plants. Note that unlike other indicators, we are describing what is NOT expected in the reference state for the ecological site:
- 17. Perennial plant reproductive capability:

mxd.

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| Closure C | riteria Worksheet | | |
|------------|---|--|-----------------------------------|
| | e: Papas Fritas 27 CTB 1 | N 22 274644 | <u>× 100 00001</u> |
| Spill Coor | | X: 32.271641 | Y: -103.969901 |
| Site Spec | fic Conditions | Value | Unit |
| 1 | Depth to Groundwater | 18 | feet |
| 2 | Within 300 feet of any continuously flowing watercourse or any other significant watercourse | 3,555 | feet |
| 3 | Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark) | 2,002 | feet |
| 4 | Within 300 feet from an occupied residence, school, hospital, institution or church | 18,480 | feet |
| 5 | i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or | 5,318 | feet |
| | ii) Within 1000 feet of any fresh water well or spring | 5,318 | feet |
| 6 | Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves | No | (Y/N) |
| 7 | Within 300 feet of a wetland | 4,486 | feet |
| 8 | Within the area overlying a subsurface mine | | (Y/N) |
| 9 | Within an unstable area (Karst Map) | Medium | Critical High Medium Low |
| 10 | Within a 100-year Floodplain | 500 | year |
| 11 | Soil Type | loamy fine sand, gravelly fine sandy loam, silty clay loam | |
| 12 | Ecological Classification | loamy sand | |
| 13 | Geology | R042XC003NM Loamy sand | |
| | NMAC 19.15.29.12 E (Table 1) Closure Criteria | <50' | <50' 51-100' >100' |

ATTACHMENT 5

Papas Fritas 27 CTB 1 48 HR Notification Liner Inspection nAPP2210924425

Dhugal Hanton <vertexresourcegroupusa@gmail.com> to OCD,, BLM_NM

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a liner inspection to be conducted for the following release:

nAPP2210924425 DOR: 4/18/2022 Site Name: Papas Fritas 27 CTB 1

This work will be completed on behalf of Devon Energy Production Company

On Saturday, May 14, 2022 at approximately 12:00 p.m., Lakin Pullman will be on site to conduct a liner inspection. He can be reached at 701-495-1722. If you need directions to the please give me a call at 575-361-9880.

Thank you,

Monica Peppin Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

Confidentiality Notice: This message and any attachments are solely for the intended recipient and may contain confidential or privileged information. If you are not the intended recipient, any disclosi received this communication in error, please notify us by reply email and immediately and permanently delete this message and any attachments. Thank you.



Dhugal Hanton <vertexresourcegroupusa@gmail.com>

48 hour confirmation sampling notice Papa Fritas 27 CTB 1

3 messages

Dhugal Hanton <vertexresourcegroupusa@gmail.com> To: "Enviro, OCD, EMNRD" <OCD.Enviro@state.nm.us>, spills@slo.state.nm.us Mon, Sep 26, 2022 at 12:16 PM

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled confirmatory sampling to be conducted at Papa Fritas 27 CTB 1,

Lea County

NAPP2113158013 & NAPP2127146416.

On Thursday, September 29, 2022, at approximately 8:00 a.m through Friday September 30, Fernando Rodriguez of Vertex will be onsite to conduct confirmation sampling for the above release.

He can be reached at 575-361-4509. If you need directions to the site, please do not hesitate to contact me. If you have any questions or concerns regarding this notification, please give me a call at 346-814-1413.

Thank you,

Kent Stallings P.G. Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 C 346.814.1413 F

 Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
 Mon, Sep 26, 2022 at 1:40 PM

 To: Dhugal Hanton <vertexresourcegroupusa@gmail.com>
 Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Hamlet, Robert, EMNRD"

 <Robert.Hamlet@emnrd.nm.gov>, "Harimon, Jocelyn, EMNRD" <Jocelyn.Harimon@emnrd.nm.gov>

Kent

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

Thanks,

Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Monday, September 26, 2022 1:37 PM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD
<Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: Fw: [EXTERNAL] 48 hour confirmation sampling notice Papa Fritas 27 CTB 1

From: Dhugal Hanton <vertexresourcegroupusa@gmail.com>
Sent: Monday, September 26, 2022 12:16 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; spills@slo.state.nm.us <spills@slo.state.nm.us>
Subject: [EXTERNAL] 48 hour confirmation sampling notice Papa Fritas 27 CTB 1

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

[Quoted text hidden]

 Dhugal Hanton <vertexresourcegroupusa@gmail.com>
 Fri, Sep 30, 2022 at 11:49 AM

 To: "Nobui, Jennifer, EMNRD" <Jennifer.Nobui@emnrd.nm.gov>
 Cc: "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Hamlet, Robert, EMNRD"

 <Robert.Hamlet@emnrd.nm.gov>, "Harimon, Jocelyn, EMNRD" <Jocelyn.Harimon@emnrd.nm.gov>

Jennifer,

Thank you. I would like to extend the notification to include next week. On Monday, October 3, 2022, at approximately 8:00 a.m through Friday October 7, Fernando Rodriguez of Vertex will be onsite to conduct confirmation sampling at Papa Fritas 27 CTB 1,

Lea County, NAPP2113158013 & NAPP2127146416.

Thanks, Kent [Quoted text hidden]



Dhugal Hanton <vertexresourcegroupusa@gmail.com>

Confirmation sampling 48 hour notice

4 messages

Dhugal Hanton <vertexresourcegroupusa@gmail.com> Tue, Oct 25, 2022 at 8:33 AM To: "Nobui, Jennifer, EMNRD" <Jennifer.Nobui@state.nm.us>, "Enviro, OCD, EMNRD" <OCD.Enviro@state.nm.us>

Jennifer,

I would like to provide notification to include On Thursday, October 27, 2022, at approximately 8:00 a.m through Friday October 8, Chance Dixon of Vertex will be onsite to conduct confirmation sampling at Papa Fritas 27 CTB 1, Lea County, NAPP2113158013 & NAPP2127146416. Thank you, Kent

Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov> To: Dhugal Hanton <vertexresourcegroupusa@gmail.com> Tue, Oct 25, 2022 at 9:57 AM

Hi Kent

Your dates below are off, did you mean through Friday November 4? Also, please note that the responsible party must provide at least two business days' notice to the OCD as opposed to 48-hour notification.

Thanks,

Jennifer Nobui

From: Dhugal Hanton <vertexresourcegroupusa@gmail.com> Sent: Tuesday, October 25, 2022 8:33 AM To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov> Subject: [EXTERNAL] Confirmation sampling 48 hour notice

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

[Quoted text hidden]

Dhugal Hanton <vertexresourcegroupusa@gmail.com> To: "Nobui, Jennifer, EMNRD" <Jennifer.Nobui@emnrd.nm.gov> Tue, Oct 25, 2022 at 1:33 PM

Jennifer, I apologise. I intended to extend the sampling from Wednesday10/26/2022, into Thursday 10/27/2022 and Friday10/28/2022. Thank you,

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Kent [Quoted text hidden]

Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov> To: Dhugal Hanton <vertexresourcegroupusa@gmail.com> Tue, Oct 25, 2022 at 1:37 PM

Kent,

No worries. Dates have been noted. Going forward, please keep in mind that notification is not 48 hours but 2 business days. Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

[Quoted text hidden]

ATTACHMENT 6



| Client: | Devon Energy Corporation | Inspection Date: | 5/14/2022 | | |
|-------------------------|-----------------------------|------------------|--------------------|--|--|
| Site Location Name: | Papa Fritas 27 CTB 1 | Report Run Date: | 5/14/2022 10:56 PM | | |
| Client Contact Name: | Wes Matthews | API #: | | | |
| Client Contact Phone #: | (575) 748-0176 | | | | |
| Unique Project ID | | Project Owner: | | | |
| Project Reference # | | Project Manager: | | | |
| Summary of Times | | | | | |
| Arrived at Site | 5/14/2022 9:08 AM | | | | |
| Departed Site | 5/14/2022 10:15 AM | | | | |

Field Notes

9:11 Completed safety paperwork at office. On site to perform Liner Inspection.

10:03 Inspected outside and inside walls of containment and found no damage or breaches.

10:05 Inspected areas around outside containment and found no unexpected staining.

10:06 Inspected liner inside containment around and between tanks and equipment. Did not find damage to liner or any areas of concern.

Next Steps & Recommendations

1 Submit report to client.



Site Photos Viewing Direction: East Viewing Direction: South lector south. West side of Northwest corner inside containment facing Southwest corner outside containment facing east. South end of containment, outside. south. West side of containment, inside. Viewing Direction: East Viewing Direction: North soing north. East side of o Southwest corner inside containment facing Southeast corner inside containment facing east. South end of containment, inside. north. East side of containment, inside.

















Northwest corner inside containment facing east. North end of containment, inside. west. South side of containment, outside.



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:

•



| Client: | Devon Energy Corporation | Inspection Date: | 5/14/2022 | | |
|-------------------------|-----------------------------|---------------------|--------------------|--|--|
| Site Location Name: | Papa Fritas 27 CTB 1 | Report Run Date: | 5/14/2022 10:55 PM | | |
| Client Contact Name: | Wes Matthews | API #: | | | |
| Client Contact Phone #: | (575) 748-0176 | _ | | | |
| Unique Project ID | | – Project Owner: | | | |
| Project Reference # | | Project Manager: | | | |
| Summary of Times | | | | | |
| Arrived at Site | 5/14/2022 6:49 AM | | | | |
| Departed Site | 5/14/2022 9:08 AM | | | | |

Field Notes

9:09 Completed safety paperwork at office. Investigated partial work done on historic spill by competitor. Phase 2 of project.

8:15 Staining no longer visible in most places to identify release area. Previous consultant white-flagged edges of release. Used visible staining and white flags to map approximate release area in Arc Collector.

9:03 Added white flags to edges of release area off pad. Painted and added additional white flags to edges of release area on pad.

8:20 North edge of release is bounded by berm covering water line.

Next Steps & Recommendations

1 Place one calls and arrange excavation.


Viewing Direction: Northeast Viewing Direction: East Viewing Direction: East Viewing Direction: East North edge of pad facing northwest. Added flags to edges of release area off-pad. West end of release area facing east. Outlined approximate release area on pad with additional white flags and paint.

Site Photos



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flags to edges of release area off-pad.

Added flags to edges of release area off-pad.





pad with additional white flags and paint.

pad with additional white flags and paint.







Daily Site Visit Signature

Inspector: Lakin Pullman \bigcirc Signature:

•



| Client: | Devon Energy Corporation | Inspection Date: | 10/27/2022 |
|-------------------------|-----------------------------|------------------|--------------------|
| Site Location Name: | Papa Fritas 27 CTB 1 | Report Run Date: | 10/27/2022 7:52 PM |
| Client Contact Name: | Wes Matthews | API #: | |
| Client Contact Phone #: | (575) 748-0176 | | |
| Unique Project ID | | Project Owner: | |
| Project Reference # | | Project Manager: | |
| | | Summary of T | Гimes |
| Arrived at Site | 10/27/2022 8:45 AM | | |
| Departed Site | 10/27/2022 12:00 PM | | |

Field Notes

9:26 Arrived on site to excavate and collect samples that were above criteria on chlorides from lab

10:39 Samples WES22-10, BES22-27, and BES22-30 through BES22-31 are clean on field screening and will be sent to lab for analysis.

10:40 BES22-07 and BES22-11 were collected at 2.5' in the pasture as they were not collected last week.

Scanned all data and made sure that we have data under criteria for each sample point.

Next Steps & Recommendations

1 Send final samples to lab for analysis to complete fonrimation



Site Photos Viewing Direction: Southwest Viewing Direction: Southeast Sample area for WES22-10 Final excavation pad Viewing Direction: East Viewing Direction: Northwest Final excavation pad Final excavation pad















Daily Site Visit Signature

Inspector: Chance Dixon

Signature:

•

ATTACHMENT 7



October 19, 2022

Kent Stallings Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

RE: Papas Fritas 27 CTB1

OrderNo.: 2210378

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 18 sample(s) on 10/7/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

CLIENT: Vertex Resources Services, Inc.

Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-01 2' Collection Date: 10/5/2022 9:45:00 AM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-001 | Matrix: SOIL | Received Date: 10/7/2022 7:10:00 AM | | | | |
|----------------------------------|--------------|--|---------|----|------------------------|--|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/12/2022 10:29:08 AM | |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/12/2022 10:29:08 AM | |
| Surr: DNOP | 57.6 | 21-129 | %Rec | 1 | 10/12/2022 10:29:08 AM | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: BRM | |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/11/2022 9:58:00 PM | |
| Surr: BFB | 93.2 | 37.7-212 | %Rec | 1 | 10/11/2022 9:58:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/11/2022 9:58:00 PM | |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/11/2022 9:58:00 PM | |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/11/2022 9:58:00 PM | |
| Xylenes, Total | ND | 0.092 | mg/Kg | 1 | 10/11/2022 9:58:00 PM | |
| Surr: 4-Bromofluorobenzene | 91.1 | 70-130 | %Rec | 1 | 10/11/2022 9:58:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/12/2022 4:31:27 PM | |

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

Qualifiers:

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

Page 1 of 25

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-03 2' Collection Date: 10/5/2022 10:00:00 AM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-002 | Matrix: SOIL | Received Date: 10/7/2022 7:10:00 AM | | | | |
|----------------------------------|--------------|--|----------|----|------------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/12/2022 8:34:42 PM | |
| Motor Oil Range Organics (MRO) | ND | 44 | mg/Kg | 1 | 10/12/2022 8:34:42 PM | |
| Surr: DNOP | 97.5 | 21-129 | %Rec | 1 | 10/12/2022 8:34:42 PM | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: BRM | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/11/2022 10:18:00 PM | |
| Surr: BFB | 95.2 | 37.7-212 | %Rec | 1 | 10/11/2022 10:18:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/11/2022 10:18:00 PM | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/11/2022 10:18:00 PM | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/11/2022 10:18:00 PM | |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/11/2022 10:18:00 PM | |
| Surr: 4-Bromofluorobenzene | 96.9 | 70-130 | %Rec | 1 | 10/11/2022 10:18:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/12/2022 5:08:29 PM | |

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

Qualifiers:

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

Page 2 of 25

Lab ID:

CLIENT: Vertex Resources Services, Inc.

2210378-003

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

 Client Sample ID: BES22-16 2'

 Collection Date: 10/5/2022 10:35:00 AM

 Matrix: SOIL
 Received Date: 10/7/2022 7:10:00 AM

| Analyses | Result | RL Qual | Units | DF | Date Analyzed |
|--------------------------------------|--------------|----------|-------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORG | Analyst: DGH | | | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/12/2022 8:55:52 PM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/12/2022 8:55:52 PM |
| Surr: DNOP | 99.2 | 21-129 | %Rec | 1 | 10/12/2022 8:55:52 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/11/2022 10:37:00 PM |
| Surr: BFB | 97.2 | 37.7-212 | %Rec | 1 | 10/11/2022 10:37:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/11/2022 10:37:00 PM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/11/2022 10:37:00 PM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/11/2022 10:37:00 PM |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/11/2022 10:37:00 PM |
| Surr: 4-Bromofluorobenzene | 97.1 | 70-130 | %Rec | 1 | 10/11/2022 10:37:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | 170 | 60 | mg/Kg | 20 | 10/12/2022 5:45:31 PM |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 25

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-18 2' Collection Date: 10/5/2022 11:30:00 AM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-004 | Matrix: SOIL | Received Date: 10/7/2022 7:10:00 AM | | | | |
|----------------------------------|--------------|--|---------|----|------------------------|--|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/12/2022 9:06:33 PM | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/12/2022 9:06:33 PM | |
| Surr: DNOP | 109 | 21-129 | %Rec | 1 | 10/12/2022 9:06:33 PM | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: BRM | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/11/2022 10:57:00 PM | |
| Surr: BFB | 97.4 | 37.7-212 | %Rec | 1 | 10/11/2022 10:57:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/11/2022 10:57:00 PM | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/11/2022 10:57:00 PM | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/11/2022 10:57:00 PM | |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/11/2022 10:57:00 PM | |
| Surr: 4-Bromofluorobenzene | 97.8 | 70-130 | %Rec | 1 | 10/11/2022 10:57:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/12/2022 5:57:51 PM | |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 25

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-20 2' Collection Date: 10/5/2022 11:45:00 AM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-005 | Matrix: SOIL | Received Date: 10/7/2022 7:10:00 AM | | | | |
|----------------------------------|--------------|--|---------|----|------------------------|--|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/12/2022 9:17:09 PM | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/12/2022 9:17:09 PM | |
| Surr: DNOP | 80.9 | 21-129 | %Rec | 1 | 10/12/2022 9:17:09 PM | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: BRM | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/11/2022 11:17:00 PM | |
| Surr: BFB | 90.9 | 37.7-212 | %Rec | 1 | 10/11/2022 11:17:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/11/2022 11:17:00 PM | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/11/2022 11:17:00 PM | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/11/2022 11:17:00 PM | |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/11/2022 11:17:00 PM | |
| Surr: 4-Bromofluorobenzene | 94.0 | 70-130 | %Rec | 1 | 10/11/2022 11:17:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/12/2022 6:34:53 PM | |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-21 2' Collection Date: 10/5/2022 12:00:00 PM **Received Date:** 10/7/2022 7.10.00 AM

| Lab ID: 2210378-006 | Matrix: SOIL | Received Date: 10/7/2022 7:10:00 AM | | | |
|----------------------------------|--------------|--|----------|----|------------------------|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/12/2022 9:27:43 PM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/12/2022 9:27:43 PM |
| Surr: DNOP | 85.3 | 21-129 | %Rec | 1 | 10/12/2022 9:27:43 PM |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/11/2022 11:36:00 PM |
| Surr: BFB | 94.6 | 37.7-212 | %Rec | 1 | 10/11/2022 11:36:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/11/2022 11:36:00 PM |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/11/2022 11:36:00 PM |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/11/2022 11:36:00 PM |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/11/2022 11:36:00 PM |
| Surr: 4-Bromofluorobenzene | 93.9 | 70-130 | %Rec | 1 | 10/11/2022 11:36:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | 160 | 60 | mg/Kg | 20 | 10/12/2022 6:47:14 PM |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-22 2' Collection Date: 10/5/2022 12:10:00 PM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-007 | Matrix: SOIL | Received Date: 10/7/2022 7:10:00 AM | | | | |
|----------------------------------|--------------|-------------------------------------|---------|----|------------------------|--|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGI | E ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/12/2022 9:38:17 PM | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/12/2022 9:38:17 PM | |
| Surr: DNOP | 65.6 | 21-129 | %Rec | 1 | 10/12/2022 9:38:17 PM | |
| EPA METHOD 8015D: GASOLINE RANG | Ε | | | | Analyst: BRM | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/12/2022 12:16:00 AM | |
| Surr: BFB | 95.3 | 37.7-212 | %Rec | 1 | 10/12/2022 12:16:00 AM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 12:16:00 AM | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 12:16:00 AM | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 12:16:00 AM | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/12/2022 12:16:00 AM | |
| Surr: 4-Bromofluorobenzene | 94.1 | 70-130 | %Rec | 1 | 10/12/2022 12:16:00 AM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | 250 | 60 | mg/Kg | 20 | 10/12/2022 6:59:35 PM | |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-23 2' Collection Date: 10/5/2022 12:20:00 PM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-008 | Matrix: SOIL | Recei | 022 7:10:00 AM | | |
|----------------------------------|--------------|----------|----------------|----|------------------------|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/12/2022 9:48:47 PM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/12/2022 9:48:47 PM |
| Surr: DNOP | 79.1 | 21-129 | %Rec | 1 | 10/12/2022 9:48:47 PM |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/12/2022 12:35:00 AM |
| Surr: BFB | 94.8 | 37.7-212 | %Rec | 1 | 10/12/2022 12:35:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/12/2022 12:35:00 AM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/12/2022 12:35:00 AM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/12/2022 12:35:00 AM |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/12/2022 12:35:00 AM |
| Surr: 4-Bromofluorobenzene | 94.3 | 70-130 | %Rec | 1 | 10/12/2022 12:35:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | 1400 | 61 | mg/Kg | 20 | 10/12/2022 7:11:56 PM |

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

Qualifiers:

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

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: Vertex Resources Services, Inc.

Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-24 2' Collection Date: 10/5/2022 12:30:00 PM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-009 | Matrix: SOIL | Recei | 2022 7:10:00 AM | | |
|----------------------------------|--------------|----------|-----------------|----|------------------------|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/12/2022 9:59:16 PM |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/12/2022 9:59:16 PM |
| Surr: DNOP | 75.6 | 21-129 | %Rec | 1 | 10/12/2022 9:59:16 PM |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/12/2022 12:55:00 AM |
| Surr: BFB | 95.5 | 37.7-212 | %Rec | 1 | 10/12/2022 12:55:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/12/2022 12:55:00 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/12/2022 12:55:00 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/12/2022 12:55:00 AM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/12/2022 12:55:00 AM |
| Surr: 4-Bromofluorobenzene | 94.1 | 70-130 | %Rec | 1 | 10/12/2022 12:55:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/12/2022 7:24:17 PM |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-32 2' Collection Date: 10/5/2022 12:35:00 PM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-010 | Matrix: SOIL | Received Date: 10/7/2022 7:10:00 AM | | | | |
|----------------------------------|--------------|--|----------|----|------------------------|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/12/2022 10:09:49 PM | |
| Motor Oil Range Organics (MRO) | ND | 44 | mg/Kg | 1 | 10/12/2022 10:09:49 PM | |
| Surr: DNOP | 64.9 | 21-129 | %Rec | 1 | 10/12/2022 10:09:49 PM | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: BRM | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/12/2022 1:15:00 AM | |
| Surr: BFB | 90.6 | 37.7-212 | %Rec | 1 | 10/12/2022 1:15:00 AM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 1:15:00 AM | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 1:15:00 AM | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 1:15:00 AM | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/12/2022 1:15:00 AM | |
| Surr: 4-Bromofluorobenzene | 92.4 | 70-130 | %Rec | 1 | 10/12/2022 1:15:00 AM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | 210 | 61 | mg/Kg | 20 | 10/12/2022 7:36:37 PM | |

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

Qualifiers:

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

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Lab ID:

CLIENT: Vertex Resources Services, Inc.

2210378-011

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-33 2' Collection Date: 10/5/2022 12:40:00 PM Received Date: 10/7/2022 7:10:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|------------------------------------|--------------|----------|----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE C | Analyst: DGH | | | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/12/2022 10:20:23 PM |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/12/2022 10:20:23 PM |
| Surr: DNOP | 68.4 | 21-129 | %Rec | 1 | 10/12/2022 10:20:23 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/12/2022 1:34:00 AM |
| Surr: BFB | 90.9 | 37.7-212 | %Rec | 1 | 10/12/2022 1:34:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 1:34:00 AM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 1:34:00 AM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 1:34:00 AM |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/12/2022 1:34:00 AM |
| Surr: 4-Bromofluorobenzene | 93.2 | 70-130 | %Rec | 1 | 10/12/2022 1:34:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | 190 | 60 | mg/Kg | 20 | 10/12/2022 7:48:58 PM |

Matrix: SOIL

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

Qualifiers:

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

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-34 2' Collection Date: 10/5/2022 12:45:00 PM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2 | 210378-012 | Matrix: SOIL | Re | ceived Date: | 10/7/2 | 2022 7:10:00 AM |
|-------------|-------------------------|--------------|----------|--------------|--------|------------------------|
| Analyses | | Result | RL Q | ual Units | DF | Date Analyzed |
| EPA METH | OD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analyst: DGH |
| Diesel Rang | ge Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/12/2022 10:30:59 PM |
| Motor Oil R | ange Organics (MRO) | ND | 44 | mg/Kg | 1 | 10/12/2022 10:30:59 PM |
| Surr: DN | OP | 89.9 | 21-129 | %Rec | 1 | 10/12/2022 10:30:59 PM |
| EPA METH | OD 8015D: GASOLINE RAN | GE | | | | Analyst: BRM |
| Gasoline Ra | ange Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/12/2022 1:54:00 AM |
| Surr: BFI | 3 | 93.4 | 37.7-212 | %Rec | 1 | 10/12/2022 1:54:00 AM |
| EPA METH | OD 8021B: VOLATILES | | | | | Analyst: BRM |
| Benzene | | ND | 0.023 | mg/Kg | 1 | 10/12/2022 1:54:00 AM |
| Toluene | | ND | 0.047 | mg/Kg | 1 | 10/12/2022 1:54:00 AM |
| Ethylbenzer | ne | ND | 0.047 | mg/Kg | 1 | 10/12/2022 1:54:00 AM |
| Xylenes, To | otal | ND | 0.094 | mg/Kg | 1 | 10/12/2022 1:54:00 AM |
| Surr: 4-B | romofluorobenzene | 94.9 | 70-130 | %Rec | 1 | 10/12/2022 1:54:00 AM |
| EPA METH | OD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | | 420 | 60 | mg/Kg | 20 | 10/12/2022 8:01:19 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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report
Lab Order 2210378

Date Reported: 10/19/2022

10/12/2022 2:14:00 AM

10/12/2022 2:14:00 AM

10/12/2022 8:13:40 PM

Analyst: NAI

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-39 2' **Project:** Papas Fritas 27 CTB1 Collection Date: 10/5/2022 12:55:00 PM Lab ID: 2210378-013 Matrix: SOIL Received Date: 10/7/2022 7:10:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 13 mg/Kg 1 10/12/2022 10:41:36 PM Motor Oil Range Organics (MRO) ND 45 mg/Kg 1 10/12/2022 10:41:36 PM Surr: DNOP 66.2 21-129 %Rec 1 10/12/2022 10:41:36 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM Gasoline Range Organics (GRO) ND 10/12/2022 2:14:00 AM 4.8 mg/Kg 1 Surr: BFB 91.0 37.7-212 %Rec 1 10/12/2022 2:14:00 AM **EPA METHOD 8021B: VOLATILES** Analyst: BRM Benzene ND 0.024 mg/Kg 10/12/2022 2:14:00 AM 1 Toluene ND 0.048 mg/Kg 1 10/12/2022 2:14:00 AM Ethylbenzene ND 0.048 mg/Kg 1 10/12/2022 2:14:00 AM

Xylenes, Total ND 0.096 mg/Kg 1 Surr: 4-Bromofluorobenzene 93.5 70-130 %Rec 1 **EPA METHOD 300.0: ANIONS** Chloride ND 60 ma/Ka 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

H Holding times for preparation or analysis exceeded

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-40 2' Collection Date: 10/5/2022 1:00:00 PM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-014 | Matrix: SOIL | Rec | eived Date: | 10/7/2 | 022 7:10:00 AM |
|----------------------------------|--------------|----------|-------------|--------|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/12/2022 10:52:14 PM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/12/2022 10:52:14 PM |
| Surr: DNOP | 86.3 | 21-129 | %Rec | 1 | 10/12/2022 10:52:14 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/12/2022 2:34:00 AM |
| Surr: BFB | 92.2 | 37.7-212 | %Rec | 1 | 10/12/2022 2:34:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/12/2022 2:34:00 AM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/12/2022 2:34:00 AM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/12/2022 2:34:00 AM |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/12/2022 2:34:00 AM |
| Surr: 4-Bromofluorobenzene | 97.8 | 70-130 | %Rec | 1 | 10/12/2022 2:34:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/13/2022 12:45:07 PM |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-43 2' Collection Date: 10/5/2022 1:15:00 PM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-015 | Matrix: SOIL | Rece | Received Date: 10/7/2022 7:10:00 AM | | | | | | |
|----------------------------------|--------------|----------|--|----|------------------------|--|--|--|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | | | | |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/12/2022 11:02:54 PM | | | | |
| Motor Oil Range Organics (MRO) | ND | 42 | mg/Kg | 1 | 10/12/2022 11:02:54 PM | | | | |
| Surr: DNOP | 76.7 | 21-129 | %Rec | 1 | 10/12/2022 11:02:54 PM | | | | |
| EPA METHOD 8015D: GASOLINE RANGI | E | | | | Analyst: BRM | | | | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/12/2022 2:53:00 AM | | | | |
| Surr: BFB | 90.7 | 37.7-212 | %Rec | 1 | 10/12/2022 2:53:00 AM | | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM | | | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/12/2022 2:53:00 AM | | | | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/12/2022 2:53:00 AM | | | | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/12/2022 2:53:00 AM | | | | |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 10/12/2022 2:53:00 AM | | | | |
| Surr: 4-Bromofluorobenzene | 93.5 | 70-130 | %Rec | 1 | 10/12/2022 2:53:00 AM | | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | | | | |
| Chloride | 580 | 60 | mg/Kg | 20 | 10/13/2022 1:22:10 PM | | | | |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Project: Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-45 2' Collection Date: 10/5/2022 1:30:00 PM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-016 | Matrix: SOIL | Received Date: 10/7/2022 7:10:00 AM | | | | | | | |
|----------------------------------|--------------|--|----------|----|------------------------|--|--|--|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | | | | |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/12/2022 11:13:34 PM | | | | |
| Motor Oil Range Organics (MRO) | ND | 43 | mg/Kg | 1 | 10/12/2022 11:13:34 PM | | | | |
| Surr: DNOP | 90.5 | 21-129 | %Rec | 1 | 10/12/2022 11:13:34 PM | | | | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: BRM | | | | |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/12/2022 3:13:00 AM | | | | |
| Surr: BFB | 91.5 | 37.7-212 | %Rec | 1 | 10/12/2022 3:13:00 AM | | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM | | | | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/12/2022 3:13:00 AM | | | | |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/12/2022 3:13:00 AM | | | | |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/12/2022 3:13:00 AM | | | | |
| Xylenes, Total | ND | 0.092 | mg/Kg | 1 | 10/12/2022 3:13:00 AM | | | | |
| Surr: 4-Bromofluorobenzene | 93.8 | 70-130 | %Rec | 1 | 10/12/2022 3:13:00 AM | | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | | | | |
| Chloride | 250 | 60 | mg/Kg | 20 | 10/13/2022 1:59:12 PM | | | | |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-46 2' Collection Date: 10/5/2022 1:35:00 PM Received Date: 10/7/2022 7:10:00 AM

| Matrix: SOIL | Received Date: 10/7/2022 7:10:00 AM | | | | | |
|--------------|---|--|--|---|--|--|
| Result | RL Qua | al Units | DF | Date Analyzed | | |
| ORGANICS | | | | Analyst: DGH | | |
| ND | 14 | mg/Kg | 1 | 10/12/2022 11:24:16 PM | | |
| ND | 46 | mg/Kg | 1 | 10/12/2022 11:24:16 PM | | |
| 83.8 | 21-129 | %Rec | 1 | 10/12/2022 11:24:16 PM | | |
| E | | | | Analyst: NSB | | |
| ND | 4.9 | mg/Kg | 1 | 10/11/2022 1:15:58 PM | | |
| 86.2 | 37.7-212 | %Rec | 1 | 10/11/2022 1:15:58 PM | | |
| | | | | Analyst: NSB | | |
| ND | 0.024 | mg/Kg | 1 | 10/11/2022 1:15:58 PM | | |
| ND | 0.049 | mg/Kg | 1 | 10/11/2022 1:15:58 PM | | |
| ND | 0.049 | mg/Kg | 1 | 10/11/2022 1:15:58 PM | | |
| ND | 0.097 | mg/Kg | 1 | 10/11/2022 1:15:58 PM | | |
| 93.7 | 70-130 | %Rec | 1 | 10/11/2022 1:15:58 PM | | |
| | | | | Analyst: NAI | | |
| 120 | 60 | mg/Kg | 20 | 10/13/2022 2:11:33 PM | | |
| | Result ORGANICS ND 83.8 E ND 86.2 ND 86.2 ND ND ND ND ND ND 93.7 | Result RL Qua ORGANICS ND 14 ND 46 83.8 21-129 E ND 4.9 86.2 37.7-212 ND 0.024 ND 0.049 ND 0.049 ND 0.097 93.7 70-130 70-130 | Result RL Qual Units ORGANICS ND 14 mg/Kg ND 46 mg/Kg 83.8 21-129 %Rec E ND 4.9 mg/Kg ND 4.9 mg/Kg 86.2 37.7-212 %Rec ND 0.024 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.097 mg/Kg 93.7 70-130 %Rec | Result RL Qual Units DF ORGANICS ND 14 mg/Kg 1 ND 46 mg/Kg 1 83.8 21-129 %Rec 1 86.2 37.7-212 %Rec 1 ND 0.024 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.097 mg/Kg 1 ND 0.097 mg/Kg 1 93.7 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.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210378

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-47 2' Collection Date: 10/5/2022 1:40:00 PM Received Date: 10/7/2022 7:10:00 AM

| Lab ID: 2210378-018 | Matrix: SOIL | Recei | 2022 7:10:00 AM | | |
|----------------------------------|--------------|----------|-----------------|----|------------------------|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/13/2022 12:07:12 AM |
| Motor Oil Range Organics (MRO) | ND | 43 | mg/Kg | 1 | 10/13/2022 12:07:12 AM |
| Surr: DNOP | 94.2 | 21-129 | %Rec | 1 | 10/13/2022 12:07:12 AM |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/11/2022 2:26:23 PM |
| Surr: BFB | 87.3 | 37.7-212 | %Rec | 1 | 10/11/2022 2:26:23 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/11/2022 2:26:23 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/11/2022 2:26:23 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/11/2022 2:26:23 PM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/11/2022 2:26:23 PM |
| Surr: 4-Bromofluorobenzene | 93.3 | 70-130 | %Rec | 1 | 10/11/2022 2:26:23 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | 240 | 60 | mg/Kg | 20 | 10/13/2022 2:23:53 PM |

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

Qualifiers:

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

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| | ertex Resources Services, Inc. apas Fritas 27 CTB1 | |
|---------------------|---|------|
| Sample ID: MB-7077 | SampType: mblk TestCode: EPA Method 300.0: Anions | |
| Client ID: PBS | Batch ID: 70775 RunNo: 91738 | |
| Prep Date: 10/12/20 | 22 Analysis Date: 10/12/2022 SeqNo: 3290313 Units: mg/Kg | |
| Analyte Chloride | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit ND 1.5 | Qual |
| Sample ID: LCS-7077 | 5 SampType: Ics TestCode: EPA Method 300.0: Anions | |
| Client ID: LCSS | Batch ID: 70775 RunNo: 91738 | |
| Prep Date: 10/12/20 | 22 Analysis Date: 10/12/2022 SeqNo: 3290314 Units: mg/Kg | |
| Analyte | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit | Qual |
| Chloride | 14 1.5 15.00 0 94.0 90 110 | |
| Sample ID: MB-7077 | SampType: mblk TestCode: EPA Method 300.0: Anions | |
| Client ID: PBS | Batch ID: 70774 RunNo: 91773 | |
| Prep Date: 10/12/20 | 22 Analysis Date: 10/13/2022 SeqNo: 3291389 Units: mg/Kg | |
| Analyte | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit | Qual |
| Chloride | ND 1.5 | |
| Sample ID: LCS-7077 | 4 SampType: Ics TestCode: EPA Method 300.0: Anions | |
| Client ID: LCSS | Batch ID: 70774 RunNo: 91773 | |
| Prep Date: 10/12/20 | 22 Analysis Date: 10/13/2022 SeqNo: 3291390 Units: mg/Kg | |
| Analyte | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit | Qual |
| Chloride | 14 1.5 15.00 0 95.7 90 110 | |

Qualifiers:

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| | Resources Services, Inc. ritas 27 CTB1 | | |
|--------------------------------|---|---|---------------|
| Sample ID: LCS-70721 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Rang | e Organics |
| Client ID: LCSS | Batch ID: 70721 | RunNo: 91700 | |
| Prep Date: 10/11/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286198 Units: %Rec | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD | RPDLimit Qual |
| Surr: DNOP | 3.3 5.000 | 66.3 21 129 | |
| Sample ID: MB-70721 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Rang | e Organics |
| Client ID: PBS | Batch ID: 70721 | RunNo: 91700 | |
| Prep Date: 10/11/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286199 Units: %Rec | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD | RPDLimit Qual |
| Surr: DNOP | 8.3 10.00 | 82.6 21 129 | |
| Sample ID: LCS-70715 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Rang | e Organics |
| Client ID: LCSS | Batch ID: 70715 | RunNo: 91700 | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3288663 Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD | RPDLimit Qual |
| Diesel Range Organics (DRO) | 32 15 50.00 | 0 64.5 64.4 127 | |
| Surr: DNOP | 3.4 5.000 | 68.3 21 129 | |
| Sample ID: LCS-70717 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Rang | e Organics |
| Client ID: LCSS | Batch ID: 70717 | RunNo: 91700 | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3288664 Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD | RPDLimit Qual |
| Diesel Range Organics (DRO) | 35 15 50.00 | 0 69.6 64.4 127 | |
| Surr: DNOP | 3.9 5.000 | 77.8 21 129 | |
| Sample ID: MB-70715 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Rang | e Organics |
| Client ID: PBS | Batch ID: 70715 | RunNo: 91700 | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3288668 Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD | RPDLimit Qual |
| Diesel Range Organics (DRO) | ND 15 | | |
| Motor Oil Range Organics (MRO) | ND 50 | 00.7 04 400 | |
| Surr: DNOP | 9.1 10.00 | 90.7 21 129 | |
| Sample ID: MB-70717 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Rang | e Organics |
| Client ID: PBS | Batch ID: 70717 | RunNo: 91700 | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3288669 Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD | RPDLimit Qual |
| Diesel Range Organics (DRO) | ND 15 | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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| Client: Project: | | esources Ser tas 27 CTB1 | | , Inc. | | | | | | | |
|---------------------|------------------|-----------------------------|--------|-----------|-------------|-----------|-----------|--------------------|------------|------------|------|
| Sample ID: | MB-70717 | SampTyp | be: ME | BLK | Test | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | PBS | Batch I | D: 70 | 717 | R | lunNo: 9 | 1700 | | | | |
| Prep Date: | 10/10/2022 | Analysis Dat | e: 10 | 0/11/2022 | S | eqNo: 3 | 288669 | Units: mg/# | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Motor Oil Rang | e Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | | 9.9 | | 10.00 | | 98.8 | 21 | 129 | | | |
| Sample ID: | 2210378-017AMS | SampTyp | e: MS | 6 | Tes | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | BES22-46 2' | Batch I | D: 70 | 717 | R | lunNo: 9 | 1700 | | | | |
| Prep Date: | 10/10/2022 | Analysis Dat | e: 10 | 0/12/2022 | S | eqNo: 3 | 291181 | Units: mg/k | ۲g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | 32 | 13 | 42.70 | 0 | 75.1 | 36.1 | 154 | | | |
| Surr: DNOP | | 3.4 | | 4.270 | | 80.5 | 21 | 129 | | | |
| Sample ID: | 2210378-017AMS |) SampTyp | De: MS | SD | Tes | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | BES22-46 2' | Batch I | D: 70 | 717 | R | lunNo: 9 | 1700 | | | | |
| Prep Date: | 10/10/2022 | Analysis Dat | e: 10 | 0/12/2022 | S | eqNo: 3 | 291182 | Units: mg/k | ٤g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Drganics (DRO) | 36 | 14 | 48.31 | 0 | 73.6 | 36.1 | 154 | 10.4 | 33.9 | |
| Surr: DNOP | | 3.9 | | 4.831 | | 81.3 | 21 | 129 | 0 | 0 | |

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 interference S
- Analyte detected in the associated Method Blank в
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: | | esources Se | | , Inc. | | | | | | | |
|---|---|--|---|--|---|--|--|---|--|---------------------------|------|
| Project: | Papas Fri | tas 27 CTB | 1 | | | | | | | | |
| Sample ID: | mb-70714 | SampTy | vpe: ME | BLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | |
| Client ID: | PBS | Batch | ID: 70 | 714 | RunNo: 91687 | | | | | | |
| Prep Date: | 10/10/2022 | Analysis Da | ate: 10 | 0/11/2022 | S | SeqNo: 32 | 286403 | Units: %Red | ; | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | | 860 | | 1000 | | 86.4 | 37.7 | 212 | | | |
| Sample ID: | lcs-70714 | SampTy | vpe: LC | s | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | LCSS | Batch | ID: 70 | 714 | F | RunNo: 9 1 | 1687 | | | | |
| Prep Date: | 10/10/2022 | Analysis Da | ate: 10 | 0/11/2022 | S | SeqNo: 32 | 286404 | Units: %Red | ; | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | | 1700 | | 1000 | | 173 | 37.7 | 212 | | | |
| Sample ID: | mb-70712 | SampTy | vpe: ME | BLK | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | PBS | Batch | ID: 70 | 712 | F | RunNo: 9 1 | 1687 | | | | |
| Prep Date: | 10/10/2022 | Analysis Da | ate: 10 | 0/11/2022 | S | SeqNo: 32 | 286419 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| | ge Organics (GRO) | ND | 5.0 | 1000 | | 07.0 | 07.7 | 040 | | | |
| Surr: BFB | | 870 | | 1000 | | 87.2 | 37.7 | 212 | | | |
| | | | | | | | | | | | |
| Sample ID: | lcs-70712 | SampTy | /pe: LC | S | Tes | tCode: Ef | PA Method | 8015D: Gaso | line Rang | 6 | |
| Client ID: | LCSS | Batch | ID: 70 | 712 | F | RunNo: 9 1 | 1687 | | C | e | |
| Client ID: | | | ID: 70 | 712 | F | | 1687 | 8015D: Gaso Units: mg/K | C | e | |
| Client ID: Prep Date: Analyte | LCSS 10/10/2022 | Batch Analysis Da Result | D: 70 ate: 10 PQL | 712 0/11/2022 SPK value | F S SPK Ref Val | RunNo: 9 SeqNo: 32 %REC | 1687 286420 LowLimit | Units: mg/K HighLimit | C | e RPDLimit | Qual |
| Client ID: Prep Date: Analyte Gasoline Rang | LCSS | Batch Analysis Da Result 23 | ID: 70 ate: 10 | 712 0/11/2022 SPK value 25.00 | F | RunNo: 9 SeqNo: 32 %REC 92.5 | 1687 286420 LowLimit 72.3 | Units: mg/K HighLimit 137 | g | | Qual |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB | LCSS 10/10/2022 ge Organics (GRO) | Batch Analysis Da Result 23 1800 | ID: 70 ate: 1(PQL 5.0 | 712 0/11/2022 SPK value 25.00 1000 | F S SPK Ref Val 0 | RunNo: 9 SeqNo: 32 %REC 92.5 178 | 1687 286420 LowLimit 72.3 37.7 | Units: mg/K HighLimit 137 212 | g %RPD | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: | LCSS 10/10/2022 ge Organics (GRO) 2210378-017ams | Batch Analysis Da Result 23 1800 SampTy | ID: 70 ate: 10 <u>PQL</u> 5.0 rpe: MS | 712 0/11/2022 SPK value 25.00 1000 | F S SPK Ref Val 0 Tes | RunNo: 9 SeqNo: 32 %REC 92.5 178 tCode: EF | 1687 286420 LowLimit 72.3 37.7 PA Method | Units: mg/K HighLimit 137 | g %RPD | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: | LCSS 10/10/2022 ge Organics (GRO) 2210378-017ams BES22-46 2' | Batch Analysis Da Result 23 1800 SampTy Batch | ID: 70 ate: 10 <u>PQL</u> 5.0 rpe: M\$ ID: 70 | 712 0/11/2022 SPK value 25.00 1000 S 712 | F S SPK Ref Val 0 Tes F | RunNo: 9 GeqNo: 32 %REC 92.5 178 tCode: EF | 1687 286420 LowLimit 72.3 37.7 PA Method 1687 | Units: mg/K HighLimit 137 212 8015D: Gaso | g %RPD | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: | LCSS 10/10/2022 ge Organics (GRO) 2210378-017ams | Batch Analysis Da Result 23 1800 SampTy | ID: 70 ate: 10 <u>PQL</u> 5.0 rpe: M\$ ID: 70 | 712 0/11/2022 SPK value 25.00 1000 S 712 | F S SPK Ref Val 0 Tes F | RunNo: 9 SeqNo: 32 %REC 92.5 178 tCode: EF | 1687 286420 LowLimit 72.3 37.7 PA Method 1687 | Units: mg/K HighLimit 137 212 | g %RPD | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte | LCSS 10/10/2022 ge Organics (GRO) 2210378-017ams BES22-46 2' 10/10/2022 | Batch Analysis Da Result 23 1800 SampTy Batch Analysis Da Result | ID: 70 ate: 10 <u>PQL</u> 5.0 rpe: MS ID: 70 ate: 10 PQL | 712 0/11/2022 SPK value 25.00 1000 5 712 0/11/2022 SPK value | F SPK Ref Val 0 Tes F SPK Ref Val | RunNo: 9 SeqNo: 32 <u>%REC</u> 92.5 178 tCode: EF RunNo: 9 SeqNo: 32 %REC | 1687 286420 LowLimit 72.3 37.7 24 Method 1687 286422 LowLimit | Units: mg/K HighLimit 137 212 8015D: Gaso Units: mg/K HighLimit | g %RPD | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte | LCSS 10/10/2022 ge Organics (GRO) 2210378-017ams BES22-46 2' | Batch Analysis Da Result 23 1800 SampTy Batch Analysis Da | ID: 70 ate: 10 PQL 5.0 rpe: MS ID: 70 ate: 10 | 712 0/11/2022 SPK value 25.00 1000 5 712 0/11/2022 | F SPK Ref Val 0 Tes F S | RunNo: 9 SeqNo: 32 %REC 92.5 178 tCode: Ef RunNo: 9 SeqNo: 32 | 1687 286420 LowLimit 72.3 37.7 24 Method 1687 286422 | Units: mg/K HighLimit 137 212 8015D: Gaso Units: mg/K | g %RPD line Rang | RPDLimit e | |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB | LCSS 10/10/2022 ge Organics (GRO) 2210378-017ams BES22-46 2' 10/10/2022 ge Organics (GRO) | Batch Analysis Da Result 23 1800 SampTy Batch Analysis Da Result 24 1800 | ID: 70 ate: 10 PQL 5.0 PPe: M\$ ID: 70 ate: 10 PQL 4.9 | 712 0/11/2022 SPK value 25.00 1000 5 712 0/11/2022 SPK value 24.41 976.6 | F SPK Ref Val 0 Tes F SPK Ref Val 0 | RunNo: 9 SeqNo: 32 92.5 178 tCode: EF RunNo: 9 SeqNo: 32 %REC 97.5 185 | 1687 286420 LowLimit 72.3 37.7 PA Method 1687 286422 LowLimit 70 37.7 | Units: mg/K HighLimit 137 212 8015D: Gaso Units: mg/K HighLimit 130 212 | g %RPD line Rang g %RPD | RPDLimit e RPDLimit | |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: | LCSS 10/10/2022 ge Organics (GRO) 2210378-017ams BES22-46 2' 10/10/2022 ge Organics (GRO) 2210378-017amsd | Batch Analysis Da Result 23 1800 SampTy Batch Analysis Da Result 24 1800 | ID: 70 ate: 10 PQL 5.0 PQE MS ID: 70 ate: 10 PQL 4.9 | 712 5PK value 25.00 1000 5 712 5PK value 24.41 976.6 5D | F SPK Ref Val 0 Tes SPK Ref Val 0 Tes | RunNo: 9 SeqNo: 32 %REC 92.5 178 tCode: EF RunNo: 9 SeqNo: 32 %REC 97.5 185 tCode: EF | 1687 286420 LowLimit 72.3 37.7 PA Method 1687 286422 LowLimit 70 37.7 | Units: mg/K HighLimit 137 212 8015D: Gaso Units: mg/K HighLimit 130 | g %RPD line Rang g %RPD | RPDLimit e RPDLimit | |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: | LCSS 10/10/2022 ge Organics (GRO) 2210378-017ams BES22-46 2' 10/10/2022 ge Organics (GRO) 2210378-017amsd BES22-46 2' | Batch Analysis Da Result 23 1800 SampTy Batch Analysis Da Result 24 1800 I SampTy Batch | ID: 70 ate: 10 PQL 5.0 Ppe: MS ID: 70 Ate: 10 PQL 4.9 ID: 70 | 712 25.00 25.00 1000 5 712 24.41 976.6 5D 712 | F SPK Ref Val 0 Tes SPK Ref Val 0 Tes F | RunNo: 9 SeqNo: 32 92.5 178 tCode: EF RunNo: 9 SeqNo: 32 %REC 97.5 185 tCode: EF | 1687 286420 LowLimit 72.3 37.7 PA Method 1687 286422 LowLimit 70 37.7 PA Method 1687 | Units: mg/K HighLimit 137 212 8015D: Gaso Units: mg/K HighLimit 130 212 8015D: Gaso | g %RPD line Rang g %RPD line Rang | RPDLimit e RPDLimit | |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: | LCSS 10/10/2022 ge Organics (GRO) 2210378-017ams BES22-46 2' 10/10/2022 ge Organics (GRO) 2210378-017amsd BES22-46 2' | Batch Analysis Da Result 23 1800 SampTy Batch Analysis Da Result 24 1800 SampTy Batch Analysis Da | ID: 70 ate: 10 PQL 5.0 PPE: MS ID: 70 ate: 10 PQL 4.9 PQL ID: 70 ate: 10 | 712 25.00 25.00 1000 5 712 24.41 976.6 5D 712 24.11 976.6 | F SPK Ref Val 0 Tes SPK Ref Val 0 Tes F S | RunNo: 9 SeqNo: 32 %REC 92.5 178 tCode: EF RunNo: 9 SeqNo: 32 %REC 97.5 185 tCode: EF RunNo: 9 SeqNo: 32 SeqNo: 32 | 1687 286420 LowLimit 72.3 37.7 24 Method 1687 286422 LowLimit 70 37.7 24 Method 1687 286423 | Units: mg/K HighLimit 137 212 8015D: Gaso Units: mg/K HighLimit 130 212 8015D: Gaso Units: mg/K | g %RPD line Rang %RPD line Rang | RPDLimit e RPDLimit | Qual |
| Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte | LCSS 10/10/2022 ge Organics (GRO) 2210378-017ams BES22-46 2' 10/10/2022 ge Organics (GRO) 2210378-017amsd BES22-46 2' | Batch Analysis Da Result 23 1800 SampTy Batch Analysis Da Result 24 1800 I SampTy Batch | ID: 70 ate: 10 PQL 5.0 Ppe: MS ID: 70 Ate: 10 PQL 4.9 ID: 70 | 712 25.00 25.00 1000 5 712 24.41 976.6 5D 712 24.11 976.6 | F SPK Ref Val 0 Tes SPK Ref Val 0 Tes F | RunNo: 9 SeqNo: 32 92.5 178 tCode: EF RunNo: 9 SeqNo: 32 %REC 97.5 185 tCode: EF | 1687 286420 LowLimit 72.3 37.7 PA Method 1687 286422 LowLimit 70 37.7 PA Method 1687 | Units: mg/K HighLimit 137 212 8015D: Gaso Units: mg/K HighLimit 130 212 8015D: Gaso | g %RPD line Rang g %RPD line Rang | RPDLimit e RPDLimit | |

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 interference S
- Analyte detected in the associated Method Blank в

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

Reporting Limit RL

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| | rtex Resources pas Fritas 27 CT | | , Inc. | | | | | | | |
|---|------------------------------------|-----------|-----------|--------------|-----------------------------|------------|---------------------|-----------|----------|------|
| Sample ID: Ics-70709 | s | | | | 8015D: Gaso | oline Rang | e | | | |
| Client ID: LCSS Batch ID: 70709 | | | F | RunNo: 91709 | | | | | | |
| Prep Date: 10/10/2022 Analysis Date: 10/11/2022 | | | | 5 | SeqNo: 3286520 Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GF | RO) 22 | 5.0 | 25.00 | 0 | 88.4 | 72.3 | 137 | | | |
| Surr: BFB | 1900 | | 1000 | | 194 | 37.7 | 212 | | | |
| Sample ID: mb-70709 | Samp | Туре: М | BLK | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: PBS | Bate | ch ID: 70 | 709 | F | RunNo: 9 | 1709 | | | | |
| Prep Date: 10/10/202 | 2 Analysis | Date: 1 | 0/11/2022 | 5 | SeqNo: 3 | 286521 | Units: mg/ # | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GF | RO) ND | 5.0 | | | | | | | | |
| Surr: BFB | 930 | | 1000 | | 92.9 | 37.7 | 212 | | | |
| | | | | | | | | | | |

Qualifiers:

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

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| | esources S itas 27 CTI | | Inc. | | | | | | | | |
|----------------------------|---------------------------|-----------------|-----------|-------------|----------------|-----------|--------------------|------|----------|------|--|
| Sample ID: mb-70714 | SampT | ype: ME | BLK | Test | Code: El | PA Method | 8021B: Volat | iles | | | |
| Client ID: PBS | Batch | n ID: 70 | 714 | R | unNo: 9 | 1687 | | | | | |
| Prep Date: 10/10/2022 | Analysis D | Date: 10 | /11/2022 | S | eqNo: 3 | 286448 | Units: %Red | ; | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 1.000 | | 92.1 | 70 | 130 | | | | |
| Sample ID: LCS-70714 | SampT | ype: LC | S | Tes | Code: El | PA Method | 8021B: Volat | iles | | | |
| Client ID: LCSS | Batch | n ID: 70 | 714 | R | unNo: 9 | 1687 | | | | | |
| Prep Date: 10/10/2022 | Analysis D | Date: 10 | /11/2022 | S | eqNo: 3 | 286449 | Units: %Red | ; | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Surr: 4-Bromofluorobenzene | 0.94 | | 1.000 | | 93.9 | 70 | 130 | | | | |
| Sample ID: mb-70712 | SampT | ype: ME | BLK | Tes | Code: El | PA Method | 8021B: Volat | iles | | | |
| Client ID: PBS | Batch | n ID: 70 | 712 | R | unNo: 9 | 1687 | | | | | |
| Prep Date: 10/10/2022 | Analysis D | Date: 10 | /11/2022 | S | eqNo: 3 | 286464 | Units: mg/K | g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Benzene | ND | 0.025 | | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.93 | | 1.000 | | 93.0 | 70 | 130 | | | | |
| Sample ID: LCS-70712 | SampT | ype: LC | S | Test | Code: El | PA Method | 8021B: Volat | iles | | | |
| Client ID: LCSS | Batch | n ID: 70 | 712 | R | unNo: 9 | 1687 | | | | | |
| Prep Date: 10/10/2022 | Analysis D | Date: 10 | /11/2022 | S | eqNo: 3 | 286465 | Units: mg/K | g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Benzene | 1.0 | 0.025 | 1.000 | 0 | 104 | 80 | 120 | | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 105 | 80 | 120 | | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 104 | 80 | 120 | | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 104 | 80 | 120 | | | | |
| Surr: 4-Bromofluorobenzene | 0.95 | | 1.000 | | 95.1 | 70 | 130 | | | | |
| Sample ID: 2210378-018ams | SampT | уре: МS | 5 | Test | Code: El | PA Method | 8021B: Volat | iles | | | |
| Client ID: BES22-47 2' | Batch | n ID: 70 | 712 | R | unNo: 9 | 1687 | | | | | |
| Prep Date: 10/10/2022 | Analysis D | Date: 10 | /11/2022 | S | eqNo: 3 | 286468 | Units: mg/K | g | | | |
| Analyte | Result | PQL | | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Benzene | 0.97 | 0.024 | 0.9756 | 0 | 99.8 | 68.8 | 120 | | | | |
| Toluene | 0.99 | 0.049 | 0.9756 | 0.01252 | 99.8 | 73.6 | 124 | | | | |
| Ethylbenzene | 1.0 | 0.049 | 0.9756 | 0 | 103 | 72.7 | 129 | | | | |
| Xylenes, Total | 3.0 | 0.098 | 2.927 | 0.01840 | 101 | 75.7 | 126 | | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

NDNot Detected at the Reporting LimitPQLPractical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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| | Resources S Fritas 27 CT | | , Inc. | | | | | | | |
|--|---|---|-----------|-------------|-----------|-----------|---------------------------------|-------------------|----------|------|
| Sample ID: 2210378-018am | 2210378-018ams SampType: MS TestCode: EPA Method 8021B: Volatiles | | | | | | | | | |
| Client ID: BES22-47 2' | Batc | Batch ID: 70712 RunNo: 91687 | | | | | | | | |
| Prep Date: 10/10/2022 | Analysis I | Date: 1(|)/11/2022 | S | eqNo: 3 | 286468 | Units: mg/k | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 0.91 | | 0.9756 | | 93.6 | 70 | 130 | /ortine | | Quui |
| Sample ID: 2210378-018amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles | | | | | | | | | | |
| Sample ID: 2210378-018am | | | | | | | 8021B: Vola | lies | | |
| Client ID: BES22-47 2' | | ch ID: 707 | | | tunNo: 9 | | | | | |
| Prep Date: 10/10/2022 | Analysis I | Date: 10 |)/11/2022 | 5 | eqNo: 3 | 286469 | Units: mg/k | g | | |
| Analyte | Result | PQL | | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.94 | 0.024 | 0.9737 | 0 | 96.4 | 68.8 | 120 | 3.70 | 20 | |
| Toluene | 0.95 | 0.049 | 0.9737 | 0.01252 | 96.0 | 73.6 | 124 | 4.02 | 20 | |
| Ethylbenzene | 0.95 | 0.049 | 0.9737 | 0 | 97.4 | 72.7 | 129 | 5.33 | 20 | |
| Xylenes, Total | 2.9 | 0.097 | 2.921 | 0.01840 | 97.0 | 75.7 | 126 | 4.20 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 0.9737 | | 94.4 | 70 | 130 | 0 | 0 | |
| Sample ID: Ics-70709 | Samp | SampType: LCS TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
| Client ID: LCSS | Batc | ch ID: 707 | 709 | R | lunNo: 9 | 1709 | | | | |
| Prep Date: 10/10/2022 | Analysis I | Date: 10 |)/11/2022 | S | eqNo: 3 | 286568 | Units: mg/k | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.025 | 1.000 | 0 | 106 | 80 | 120 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 105 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 105 | 80 | 120 | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 102 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.93 | | 1.000 | | 93.2 | 70 | 130 | | | |
| Sample ID: mb-70709 | Samp | Туре: МЕ | BLK | Test | tCode: El | PA Method | 8021B: Volat | iles | | |
| | | Batch ID: 70709 RunNo: 91709 | | | | | | | | |
| Client ID: PBS | Batc | :h ID: 70 | 709 | R | unino: 9 | 1709 | | | | |
| Client ID: PBS Prep Date: 10/10/2022 | Batc Analysis I | | | | SeqNo: 3 | | Units: mg/k | ſg | | |
| | | | 0/11/2022 | | | | Units: mg/k HighLimit | (g %RPD | RPDLimit | Qual |
| Prep Date: 10/10/2022 | Analysis I | Date: 10 | 0/11/2022 | S | SeqNo: 3 | 286569 | C C | - | RPDLimit | Qual |
| Prep Date: 10/10/2022 Analyte | Analysis I Result | Date: 10 PQL | 0/11/2022 | S | SeqNo: 3 | 286569 | C C | - | RPDLimit | Qual |
| Prep Date: 10/10/2022 Analyte Benzene | Analysis I Result ND | Date: 10 PQL 0.025 | 0/11/2022 | S | SeqNo: 3 | 286569 | C C | - | RPDLimit | Qual |
| Prep Date: 10/10/2022 Analyte Benzene Toluene | Analysis I Result ND ND | Date: 10 PQL 0.025 0.050 | 0/11/2022 | S | SeqNo: 3 | 286569 | C C | - | RPDLimit | Qual |

Qualifiers:

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

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| Received by OCD: 1 | 2/2/2022 2:02:23 PM |
|---------------------------|---------------------|
|---------------------------|---------------------|

| ANAL | RONMENTAL YSIS Ratory | Hall Environmenta Al TEL: 505-345-397 Website: www.l | 490 buquero 5 FAX: | 01 Hawkin jue, NM 8 505-345- | ns NE 87109 S -4107 | San | nple Log-In Check List |
|---|---|---|--------------------------|------------------------------------|---------------------------|-----|--|
| Client Name: | Vertex Resources Services, Inc. | Work Order Numbe | r: 221 | 0378 | | | RcptNo: 1 |
| Received By: | Juan Rojas | 10/7/2022 7:10:00 AM | л | | Guar | B | |
| Completed By: | Tracy Casarrubias | 10/7/2022 7:50:29 AM | ٨ | | | | |
| Reviewed By: | JN10/7/22 | - | | | | | |
| Chain of Cus | tody | | | | | | |
| 1. Is Chain of C | ustody complete? | | Yes | | No | | Not Present |
| 2. How was the | sample delivered? | | Cou | rier | | | |
| Log In 3. Was an attem | npt made to cool the sample | es? | Yes | | No | | |
| | | | | | | | |
| 4. Were all samp | ples received at a temperat | ure of >0° C to 6.0°C | Yes | | No | | |
| 5. Sample(s) in | proper container(s)? | | Yes | | No | | |
| 6. Sufficient sam | nple volume for indicated te | st(s)? | Yes | | No | | |
| 7. Are samples (| except VOA and ONG) pro | perly preserved? | Yes | | No [| | |
| 8. Was preserva | tive added to bottles? | | Yes | | No | ~ | |
| 9. Received at le | east 1 vial with headspace < | 1/4" for AQ VOA? | Yes | | No [| | NA 🗹 |
| 10. Were any sar | mple containers received br | oken? | Yes | | No | | # of preserved |
| | ork match bottle labels? ancies on chain of custody) | | Yes | | No | | bottles checked for pH: (<2.or >12 unless noted) |
| | correctly identified on Chain | | Yes | | No [| | Adjusted? |
| 13. Is it clear what | t analyses were requested? | | Yes | | No | | |
| | ng times able to be met? ustomer for authorization.) | | Yes | | No | | Checked by: KPG 10 -7-22 |
| Special Handl | ing (if applicable) | | | | | | |
| | tified of all discrepancies w | ith this order? | Yes | | No | | NA 🗹 |
| By Who Regard | | Date: Via: | 🗌 eM | ail 🗌 I | ^D hone 🗌 | Fax | In Person |
| 16. Additional rep | marks: | | | | | | |
| 17. <u>Cooler Infor</u> Cooler No 1 | mation | Seal Intact Seal No Yes | Seal D | ate | Signed B | 8y | |

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October 19, 2022

Kent Stallings Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

RE: Papas Fritas

OrderNo.: 2210428

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 13 sample(s) on 10/8/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-61 2' **Project: Papas** Fritas Collection Date: 10/6/2022 9:40:00 AM Lab ID: 2210428-001 Matrix: SOIL Received Date: 10/8/2022 8:30:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/12/2022 4:32:32 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/12/2022 4:32:32 AM Surr: DNOP 81.9 21-129 %Rec 1 10/12/2022 4:32:32 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/12/2022 4:17:38 PM 4.9 mg/Kg 1 Surr: BFB 86.9 37.7-212 %Rec 1 10/12/2022 4:17:38 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 10/12/2022 4:17:38 PM 1 Toluene ND 0.049 mg/Kg 1 10/12/2022 4:17:38 PM Ethylbenzene ND 0.049 mg/Kg 1 10/12/2022 4:17:38 PM Xylenes, Total ND 0.097 mg/Kg 1 10/12/2022 4:17:38 PM Surr: 4-Bromofluorobenzene 93.8 70-130 %Rec 1 10/12/2022 4:17:38 PM Analyst: JTT **EPA METHOD 300.0: ANIONS** Chloride 670 60 10/14/2022 1:19:01 AM ma/Ka 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

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-62 2' **Project: Papas** Fritas Collection Date: 10/6/2022 9:50:00 AM Lab ID: 2210428-002 Matrix: SOIL Received Date: 10/8/2022 8:30:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/12/2022 4:43:04 AM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/12/2022 4:43:04 AM 21-129 Surr: DNOP 87.2 %Rec 1 10/12/2022 4:43:04 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/12/2022 4:41:01 PM 4.9 mg/Kg 1 Surr: BFB 87.4 37.7-212 %Rec 1 10/12/2022 4:41:01 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 10/12/2022 4:41:01 PM 1 Toluene ND 0.049 mg/Kg 1 10/12/2022 4:41:01 PM Ethylbenzene ND 0.049 mg/Kg 1 10/12/2022 4:41:01 PM Xylenes, Total ND 0.097 mg/Kg 1 10/12/2022 4:41:01 PM Surr: 4-Bromofluorobenzene 94.8 70-130 %Rec 1 10/12/2022 4:41:01 PM **EPA METHOD 300.0: ANIONS** Analyst: JTT Chloride 340 60 10/14/2022 1:31:25 AM ma/Ka 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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

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

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Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-65 2' **Project: Papas** Fritas Collection Date: 10/6/2022 10:00:00 AM Lab ID: 2210428-003 Matrix: SOIL Received Date: 10/8/2022 8:30:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/12/2022 4:53:35 AM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/12/2022 4:53:35 AM 21-129 Surr: DNOP 89.5 %Rec 1 10/12/2022 4:53:35 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/12/2022 5:04:25 PM 4.9 mg/Kg 1 Surr: BFB 86.5 37.7-212 %Rec 1 10/12/2022 5:04:25 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 10/12/2022 5:04:25 PM 1 Toluene ND 0.049 mg/Kg 1 10/12/2022 5:04:25 PM Ethylbenzene ND 0.049 mg/Kg 1 10/12/2022 5:04:25 PM Xylenes, Total ND 0.098 mg/Kg 1 10/12/2022 5:04:25 PM Surr: 4-Bromofluorobenzene 94.9 70-130 %Rec 1 10/12/2022 5:04:25 PM Analyst: JTT **EPA METHOD 300.0: ANIONS** Chloride 97 60 10/14/2022 1:43:50 AM ma/Ka 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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

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

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Date Reported: 10/19/2022

10/14/2022 1:56:15 AM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-67 2' **Project: Papas** Fritas Collection Date: 10/6/2022 10:05:00 AM Lab ID: 2210428-004 Matrix: SOIL Received Date: 10/8/2022 8:30:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 15 mg/Kg 1 10/12/2022 5:04:06 AM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/12/2022 5:04:06 AM Surr: DNOP 89.9 21-129 %Rec 1 10/12/2022 5:04:06 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/12/2022 5:28:01 PM 5.0 mg/Kg 1 Surr: BFB 84.7 37.7-212 %Rec 1 10/12/2022 5:28:01 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 10/12/2022 5:28:01 PM 1 Toluene 0.050 ND mg/Kg 1 10/12/2022 5:28:01 PM Ethylbenzene ND 0.050 mg/Kg 1 10/12/2022 5:28:01 PM Xylenes, Total ND 0.10 mg/Kg 1 10/12/2022 5:28:01 PM Surr: 4-Bromofluorobenzene 90.5 70-130 %Rec 1 10/12/2022 5:28:01 PM **EPA METHOD 300.0: ANIONS** Analyst: JTT

450

60

ma/Ka

20

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

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

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Papas Fritas

2210428-005

Diesel Range Organics (DRO)

Project:

Lab ID:

Analyses

Analytical Report Lab Order 2210428

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/19/2022 Client Sample ID: BES22-68 2' **CLIENT:** Vertex Resources Services, Inc. Collection Date: 10/6/2022 10:10:00 AM Matrix: SOIL Received Date: 10/8/2022 8:30:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH ND 14 mg/Kg 1 10/13/2022 4:20:25 AM ND Motor Oil Range Organics (MRO) 48 mg/Kg 1 10/13/2022 4:20:25 AM 003 21-120 %Rec 1 10/13/2022 4:20:25 AM

| Surr: DNOP | 90.3 | 21-129 | %Rec | 1 | 10/13/2022 4:20:25 AM |
|----------------------------------|------|----------|-------|----|-----------------------|
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/12/2022 1:57:00 PM |
| Surr: BFB | 88.8 | 37.7-212 | %Rec | 1 | 10/12/2022 1:57:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 1:57:00 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/12/2022 1:57:00 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/12/2022 1:57:00 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/12/2022 1:57:00 PM |
| Surr: 4-Bromofluorobenzene | 94.2 | 70-130 | %Rec | 1 | 10/12/2022 1:57:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | 460 | 60 | mg/Kg | 20 | 10/14/2022 2:08:40 AM |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas

Analytical Report
Lab Order 2210428

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-90 4' Collection Date: 10/6/2022 11:45:00 AM Received Date: 10/8/2022 8:30:00 AM

| Lab ID: 2210428-006 | Matrix: SOIL | 22 8:30:00 AM | | | |
|----------------------------------|--------------|---------------|----------|----|-----------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/13/2022 4:30:57 AM |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/13/2022 4:30:57 AM |
| Surr: DNOP | 99.0 | 21-129 | %Rec | 1 | 10/13/2022 4:30:57 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/12/2022 5:51:24 PM |
| Surr: BFB | 86.4 | 37.7-212 | %Rec | 1 | 10/12/2022 5:51:24 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 5:51:24 PM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/12/2022 5:51:24 PM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/12/2022 5:51:24 PM |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/12/2022 5:51:24 PM |
| Surr: 4-Bromofluorobenzene | 93.2 | 70-130 | %Rec | 1 | 10/12/2022 5:51:24 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/14/2022 2:21:04 AM |

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

Qualifiers:

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

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-95 4' **Project: Papas** Fritas Collection Date: 10/6/2022 11:55:00 AM Lab ID: 2210428-007 Matrix: SOIL Received Date: 10/8/2022 8:30:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/13/2022 4:41:27 AM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/13/2022 4:41:27 AM Surr: DNOP 86.6 21-129 %Rec 1 10/13/2022 4:41:27 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/12/2022 6:14:59 PM 5.0 mg/Kg 1 Surr: BFB 86.1 37.7-212 %Rec 1 10/12/2022 6:14:59 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 10/12/2022 6:14:59 PM 1 Toluene 0.050 ND mg/Kg 1 10/12/2022 6:14:59 PM Ethylbenzene ND 0.050 mg/Kg 1 10/12/2022 6:14:59 PM Xylenes, Total ND 0.10 mg/Kg 1 10/12/2022 6:14:59 PM Surr: 4-Bromofluorobenzene 93.1 70-130 %Rec 1 10/12/2022 6:14:59 PM Analyst: JTT **EPA METHOD 300.0: ANIONS** Chloride 90 59 10/14/2022 2:33:29 AM ma/Ka 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

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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EPA METHOD 300.0: ANIONS

Chloride

Analytical Report
Lab Order 2210428

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-96 4' **Project: Papas** Fritas Collection Date: 10/6/2022 12:00:00 PM Lab ID: 2210428-008 Matrix: SOIL Received Date: 10/8/2022 8:30:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/13/2022 4:51:57 AM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/13/2022 4:51:57 AM Surr: DNOP 89.4 21-129 %Rec 1 10/13/2022 4:51:57 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/12/2022 6:38:40 PM 4.7 mg/Kg 1 Surr: BFB 83.3 37.7-212 %Rec 1 10/12/2022 6:38:40 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.023 mg/Kg 10/12/2022 6:38:40 PM 1 Toluene ND 0.047 mg/Kg 1 10/12/2022 6:38:40 PM Ethylbenzene ND 0.047 mg/Kg 1 10/12/2022 6:38:40 PM Xylenes, Total ND 0.094 mg/Kg 1 10/12/2022 6:38:40 PM Surr: 4-Bromofluorobenzene 91.4 70-130 %Rec 1 10/12/2022 6:38:40 PM

ND

60

ma/Ka

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analyst: JTT

10/14/2022 2:45:54 AM

Date Reported: 10/19/2022

10/14/2022 2:58:18 AM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-102 4' **Project: Papas** Fritas Collection Date: 10/6/2022 12:50:00 PM Lab ID: 2210428-009 Matrix: SOIL Received Date: 10/8/2022 8:30:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 15 mg/Kg 1 10/13/2022 5:02:26 AM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 10/13/2022 5:02:26 AM Surr: DNOP 79.4 21-129 %Rec 1 10/13/2022 5:02:26 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/12/2022 7:02:04 PM 4.7 mg/Kg 1 Surr: BFB 86.1 37.7-212 %Rec 1 10/12/2022 7:02:04 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.023 mg/Kg 10/12/2022 7:02:04 PM 1 Toluene ND 0.047 mg/Kg 1 10/12/2022 7:02:04 PM Ethylbenzene ND 0.047 mg/Kg 1 10/12/2022 7:02:04 PM Xylenes, Total ND 0.093 mg/Kg 1 10/12/2022 7:02:04 PM Surr: 4-Bromofluorobenzene 93.3 70-130 %Rec 1 10/12/2022 7:02:04 PM **EPA METHOD 300.0: ANIONS** Analyst: JTT

180

60

ma/Ka

20

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas

Analytical Report
Lab Order 2210428

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-104 2' Collection Date: 10/6/2022 12:55:00 PM Received Date: 10/8/2022 8:30:00 AM

| Lab ID: 2210428-010 | Matrix: SOIL | Recei | Received Date: 10/8/2022 8:30:00 AM | | | | | |
|----------------------------------|--------------|----------|-------------------------------------|----|-----------------------|--|--|--|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | | | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/13/2022 5:12:52 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/13/2022 5:12:52 AM | | | |
| Surr: DNOP | 80.5 | 21-129 | %Rec | 1 | 10/13/2022 5:12:52 AM | | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: NSB | | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/12/2022 7:25:23 PM | | | |
| Surr: BFB | 86.6 | 37.7-212 | %Rec | 1 | 10/12/2022 7:25:23 PM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 7:25:23 PM | | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 7:25:23 PM | | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 7:25:23 PM | | | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/12/2022 7:25:23 PM | | | |
| Surr: 4-Bromofluorobenzene | 93.5 | 70-130 | %Rec | 1 | 10/12/2022 7:25:23 PM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | | | |
| Chloride | 410 | 60 | mg/Kg | 20 | 10/14/2022 3:10:43 AM | | | |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas

Analytical Report
Lab Order 2210428

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-106 2' Collection Date: 10/6/2022 1:05:00 PM Received Date: 10/8/2022 8:30:00 AM

| Lab ID: 2210428-011 | Matrix: SOIL | Rece | ived Date: | 10/8/2 | 022 8:30:00 AM |
|----------------------------------|--------------|----------|------------|--------|-----------------------|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/13/2022 5:23:23 AM |
| Motor Oil Range Organics (MRO) | ND | 44 | mg/Kg | 1 | 10/13/2022 5:23:23 AM |
| Surr: DNOP | 94.6 | 21-129 | %Rec | 1 | 10/13/2022 5:23:23 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/12/2022 7:48:41 PM |
| Surr: BFB | 86.1 | 37.7-212 | %Rec | 1 | 10/12/2022 7:48:41 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/12/2022 7:48:41 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/12/2022 7:48:41 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/12/2022 7:48:41 PM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/12/2022 7:48:41 PM |
| Surr: 4-Bromofluorobenzene | 93.9 | 70-130 | %Rec | 1 | 10/12/2022 7:48:41 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | 150 | 60 | mg/Kg | 20 | 10/14/2022 3:47:57 AM |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

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

RL Reporting Limit

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EPA METHOD 300.0: ANIONS

Chloride

Analytical Report
Lab Order 2210428

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-108 4' **Project: Papas** Fritas Collection Date: 10/6/2022 1:15:00 PM Lab ID: 2210428-012 Matrix: SOIL Received Date: 10/8/2022 8:30:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 15 mg/Kg 1 10/13/2022 5:44:18 AM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/13/2022 5:44:18 AM Surr: DNOP 85.9 21-129 %Rec 1 10/13/2022 5:44:18 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/12/2022 8:35:19 PM 4.7 mg/Kg 1 Surr: BFB 85.4 37.7-212 %Rec 1 10/12/2022 8:35:19 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.023 mg/Kg 10/12/2022 8:35:19 PM 1 Toluene ND 0.047 mg/Kg 1 10/12/2022 8:35:19 PM Ethylbenzene ND 0.047 mg/Kg 1 10/12/2022 8:35:19 PM Xylenes, Total ND 0.093 mg/Kg 1 10/12/2022 8:35:19 PM Surr: 4-Bromofluorobenzene 94.1 70-130 %Rec 1 10/12/2022 8:35:19 PM

210

60

ma/Ka

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analyst: JTT

10/14/2022 4:00:21 AM

Lab ID:

CLIENT: Vertex Resources Services, Inc.

Papas Fritas

2210428-013

Analytical Report
Lab Order 2210428

Date Reported: 10/19/2022

Hall Environmental Analysis Laboratory, Inc.

 Client Sample ID: BES22-109 2'

 Collection Date: 10/6/2022 1:20:00 PM

 Matrix: SOIL
 Received Date: 10/8/2022 8:30:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|---|--------|----------|----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/13/2022 5:54:47 AM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/13/2022 5:54:47 AM |
| Surr: DNOP | 74.4 | 21-129 | %Rec | 1 | 10/13/2022 5:54:47 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/12/2022 8:58:46 PM |
| Surr: BFB | 83.6 | 37.7-212 | %Rec | 1 | 10/12/2022 8:58:46 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/12/2022 8:58:46 PM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/12/2022 8:58:46 PM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/12/2022 8:58:46 PM |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/12/2022 8:58:46 PM |
| Surr: 4-Bromofluorobenzene | 91.7 | 70-130 | %Rec | 1 | 10/12/2022 8:58:46 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | 400 | 60 | mg/Kg | 20 | 10/14/2022 4:12:46 AM |

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

Qualifiers:

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

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| Client: Project: | Vertex Resources Papas Fritas | Services | , Inc. | | | | | | | |
|---------------------|---|------------------|-----------|--------------|-------------------|----------|--------------|------|----------|------|
| Sample ID: MB-70 | Sample ID: MB-70820 SampType: MBLK TestCode: EPA Method 300.0: Anions | | | | | | | | | |
| Client ID: PBS | Ba | tch ID: 70 | 820 | RunNo: 91800 | | | | | | |
| Prep Date: 10/13 | 3/2022 Analysis | Date: 1 | 0/13/2022 | S | SeqNo: 329 | 91259 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |
| Sample ID: LCS-7 | 7 0820 Sam | рТуре: LC | s | Tes | tCode: EPA | A Method | 300.0: Anion | S | | |
| Client ID: LCSS | Ва | tch ID: 70 | 820 | F | RunNo: 918 | 300 | | | | |
| Prep Date: 10/1: | 3/2022 Analysis | Date: 1 | 0/13/2022 | S | SeqNo: 329 | 91260 | 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 | 95.9 | 90 | 110 | | | |

Qualifiers:

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

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| Client:Vertex FProject:Papas Fr | Resources Services, Inc. ritas | | |
|--|---|---------------------------|--------------------------------|
| Sample ID: LCS-70721 | SampType: LCS | TestCode: EPA Method | 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 70721 | RunNo: 91700 | |
| Prep Date: 10/11/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286198 | Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) Surr: DNOP | 33 15 50.00 3.3 5.000 | 0 67.0 64.4 66.3 21 | 127 129 |
| Sample ID: MB-70721 | SampType: MBLK | TestCode: EPA Method | 8015M/D: Diesel Range Organics |
| Client ID: PBS | Batch ID: 70721 | RunNo: 91700 | |
| Prep Date: 10/11/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286199 | Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | ND 15 | | |
| Motor Oil Range Organics (MRO) Surr: DNOP | ND 50 8.3 10.00 | 82.6 21 | 129 |
| Sample ID: LCS-70717 | SampType: LCS | TestCode: EPA Method | 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 70717 | RunNo: 91700 | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3288664 | Units: %Rec |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual |
| Surr: DNOP | 3.9 5.000 | 77.8 21 | 129 |
| Sample ID: MB-70717 | SampType: MBLK | TestCode: EPA Method | 8015M/D: Diesel Range Organics |
| Client ID: PBS | Batch ID: 70717 | RunNo: 91700 | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3288669 | Units: %Rec |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual |
| Surr: DNOP | 9.9 10.00 | 98.8 21 | 129 |
| Sample ID: LCS-70748 | SampType: LCS | TestCode: EPA Method | 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 70748 | RunNo: 91700 | |
| Prep Date: 10/11/2022 | Analysis Date: 10/13/2022 | SeqNo: 3291224 | Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | 38 15 50.00 | 0 75.3 46.9 | 103 |
| Surr: DNOP | 4.0 5.000 | 80.2 21 | 129 |
| Sample ID: MB-70748 | SampType: MBLK | TestCode: EPA Method | 8015M/D: Diesel Range Organics |
| Client ID: PBS | Batch ID: 70748 | RunNo: 91700 | |
| Prep Date: 10/11/2022 | Analysis Date: 10/13/2022 | SeqNo: 3291225 | Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | ND 15 | | |

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 interference S
- Analyte detected in the associated Method Blank в
- Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit WO#: 2210428 19-Oct-22

| | ertex Resources apas Fritas | Services | , Inc. | | | | | | | |
|-----------------------------|--------------------------------|------------|-----------|-------------|-----------|-----------|--------------|-----------|------------|------|
| Sample ID: MB-70748 | Sam | oType: MI | BLK | Tes | tCode: El | PA Method | 8015M/D: Die | esel Rang | e Organics | |
| Client ID: PBS | Ba | tch ID: 70 | 748 | F | unNo: 9 | 1700 | | | | |
| Prep Date: 10/11/20 | 22 Analysis | Date: 1 | 0/13/2022 | S | eqNo: 3 | 291225 | Units: mg/K | ٤g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Motor Oil Range Organics (I | MRO) ND | 50 | | | | | | | | |
| Surr: DNOP | 9.9 | | 10.00 | | 98.5 | 21 | 129 | | | |

Qualifiers:

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

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| Client: Vertex Project: Papas F | Resources Services, Inc. | | |
|--|--|--|------|
| Sample ID: mb-70714 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | |
| Client ID: PBS | Batch ID: 70714 | RunNo: 91687 | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286403 Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit 0 | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | ND 5.0 860 1000 | 86.4 37.7 212 | |
| Sample ID: Ics-70714 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | |
| Client ID: LCSS | Batch ID: 70714 | RunNo: 91687 | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286404 Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit C | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | 225.025.0017001000 | 0 86.7 72.3 137 173 37.7 212 | |
| Sample ID: mb-70712 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | |
| Client ID: PBS | Batch ID: 70712 | RunNo: 91687 | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286419 Units: %Rec | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit C | Qual |
| Surr: BFB | 870 1000 | 87.2 37.7 212 | |
| Sample ID: Ics-70712 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | |
| Client ID: LCSS | Batch ID: 70712 | RunNo: 91687 | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286420 Units: %Rec | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit C | Qual |
| Surr: BFB | 1800 1000 | 178 37.7 212 | |
| Sample ID: mb-70734 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | |
| Client ID: PBS | Batch ID: 70734 | RunNo: 91747 | |
| Prep Date: 10/11/2022 | Analysis Date: 10/12/2022 | SeqNo: 3289015 Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit C | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | ND 5.0 880 1000 | 87.7 37.7 212 | |
| Sample ID: Ics-70734 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | |
| | | | |
| Client ID: LCSS | Batch ID: 70734 | RunNo: 91747 | |
| Client ID: LCSS Prep Date: 10/11/2022 | Batch ID: 70734 Analysis Date: 10/12/2022 | RunNo: 91747 SeqNo: 3289016 Units: mg/Kg | |
| | Analysis Date: 10/12/2022 | SeqNo: 3289016 Units: mg/Kg | Qual |

Qualifiers:

Value exceeds Maximum Contaminant Level. *

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

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

Analyte detected in the associated Method Blank в

Е Estimated value

J

Analyte detected below quantitation limits Р Sample pH Not In Range

Reporting Limit RL

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| | Resources Services, Inc. | | | | | |
|---|--|--|--|--|--|--|
| Project: Papas H | Fritas | | | | | |
| Sample ID: mb-70714 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | |
| Client ID: PBS | Batch ID: 70714 | RunNo: 91687 | | | | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286448 Units: mg/Kg | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | | | | |
| Benzene | ND 0.025 | | | | | |
| Toluene | ND 0.050 | | | | | |
| Ethylbenzene | ND 0.050 | | | | | |
| Xylenes, Total | ND 0.10 | | | | | |
| Surr: 4-Bromofluorobenzene | 0.92 1.000 | 92.1 70 130 | | | | |
| Sample ID: LCS-70714 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | |
| Client ID: LCSS | Batch ID: 70714 | RunNo: 91687 | | | | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286449 Units: mg/Kg | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | | | | |
| Benzene | 0.89 0.025 1.000 | 0 88.7 80 120 | | | | |
| Toluene | 0.90 0.050 1.000 | 0 89.6 80 120 | | | | |
| Ethylbenzene | 0.91 0.050 1.000 | 0 90.5 80 120 | | | | |
| Xylenes, Total | 2.7 0.10 3.000 | 0 90.3 80 120 | | | | |
| Surr: 4-Bromofluorobenzene | 0.94 1.000 | 93.9 70 130 | | | | |
| Sample ID: mb-70712 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | |
| Client ID: PBS | Batch ID: 70712 | RunNo: 91687 | | | | |
| Prep Date: 10/10/2022 | Analysis Date: 10/11/2022 | SeqNo: 3286464 Units: %Rec | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | | | | |
| Surr: 4-Bromofluorobenzene | 0.93 1.000 | - | | | | |
| | | | | | | |
| Sample ID: LCS-70712 | SampType: LCS | 93.0 70 130 TestCode: EPA Method 8021B: Volatiles | | | | |
| Sample ID: LCS-70712 Client ID: LCSS | SampType: LCS Batch ID: 70712 | | | | | |
| | | TestCode: EPA Method 8021B: Volatiles | | | | |
| Client ID: LCSS Prep Date: 10/10/2022 | Batch ID: 70712 Analysis Date: 10/11/2022 | TestCode: EPA Method 8021B: Volatiles RunNo: 91687 SeqNo: 3286465 Units: %Rec | | | | |
| Client ID: LCSS | Batch ID: 70712 Analysis Date: 10/11/2022 | TestCode: EPA Method 8021B: Volatiles RunNo: 91687 SeqNo: 3286465 Units: %Rec SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | | | | |
| Client ID: LCSS Prep Date: 10/10/2022 Analyte | Batch ID: 70712 Analysis Date: 10/11/2022 Result PQL SPK value | TestCode: EPA Method 8021B: Volatiles RunNo: 91687 SeqNo: 3286465 Units: %Rec SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | | | | |
| Client ID: LCSS Prep Date: 10/10/2022 Analyte Surr: 4-Bromofluorobenzene | Batch ID: 70712 Analysis Date: 10/11/2022 Result PQL SPK value 0.95 1.000 | TestCode: EPA Method 8021B: Volatiles RunNo: 91687 SeqNo: 3286465 Units: %Rec SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 95.1 70 130 | | | | |
| Client ID: LCSS Prep Date: 10/10/2022 Analyte Surr: 4-Bromofluorobenzene Sample ID: mb-70734 | Batch ID: 70712 Analysis Date: 10/11/2022 Result PQL SPK value 0.95 1.000 SampType: MBLK | TestCode: EPA Method 8021B: Volatiles RunNo: 91687 SeqNo: 3286465 Units: %Rec SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 95.1 70 130 TestCode: EPA Method 8021B: Volatiles | | | | |
| Client ID: LCSS Prep Date: 10/10/2022 Analyte Surr: 4-Bromofluorobenzene Sample ID: mb-70734 Client ID: PBS | Batch ID: 70712 Analysis Date: 10/11/2022 Result PQL SPK value 0.95 1.000 SampType: MBLK Batch ID: 70734 Analysis Date: 10/12/2022 | TestCode: EPA Method 8021B: Volatiles RunNo: 91687 RunNo: 91687 SeqNo: 3286465 Units: %Rec SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 95.1 70 130 130 130 130 130 130 TestCode: EPA Method 8021B: Volatiles RunNo: 91747 SeqNo: 3289053 Units: mg/Kg | | | | |
| Client ID: LCSS Prep Date: 10/10/2022 Analyte Surr: 4-Bromofluorobenzene Sample ID: mb-70734 Client ID: PBS Prep Date: 10/11/2022 | Batch ID: 70712 Analysis Date: 10/11/2022 Result PQL SPK value 0.95 1.000 SampType: MBLK Batch ID: 70734 Analysis Date: 10/12/2022 | TestCode: EPA Method 8021B: Volatiles RunNo: 91687 SeqNo: 3286465 Units: %Rec SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 95.1 70 130 | | | | |
| Client ID: LCSS Prep Date: 10/10/2022 Analyte Surr: 4-Bromofluorobenzene Sample ID: mb-70734 Client ID: PBS Prep Date: 10/11/2022 Analyte Benzene | Batch ID: 70712 Analysis Date: 10/11/2022 Result PQL SPK value 0.95 1.000 SampType: MBLK Batch ID: 70734 Analysis Date: 10/12/2022 Result PQL SPK value | TestCode: EPA Method 8021B: Volatiles RunNo: 91687 RunNo: 91687 SeqNo: 3286465 Units: %Rec SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 95.1 70 130 130 130 130 130 130 TestCode: EPA Method 8021B: Volatiles RunNo: 91747 SeqNo: 3289053 Units: mg/Kg | | | | |
| Client ID: LCSS Prep Date: 10/10/2022 Analyte Surr: 4-Bromofluorobenzene Sample ID: mb-70734 Client ID: PBS Prep Date: 10/11/2022 Analyte | Batch ID: 70712 Analysis Date: 10/11/2022 Result PQL SPK value 0.95 1.000 SampType: MBLK Batch ID: 70734 Analysis Date: 10/12/2022 Result PQL SPK value ND 0.025 | TestCode: EPA Method 8021B: Volatiles RunNo: 91687 RunNo: 91687 SeqNo: 3286465 Units: %Rec SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 95.1 70 130 130 130 130 130 130 TestCode: EPA Method 8021B: Volatiles RunNo: 91747 SeqNo: 3289053 Units: mg/Kg | | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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| Client: V | ertex Resources | Services, | Inc. | | | | | | | |
|--|---|---|---|--|--|---|---|---|----------------------|------|
| Project: Pa | apas Fritas | | | | | | | | | |
| | | | | | | | | | | |
| Sample ID: mb-70734 | | Type: ME | | | | | 8021B: Volat | tiles | | |
| Client ID: PBS | | ch ID: 70 | - | R | RunNo: 9' | 1747 | | | | |
| Prep Date: 10/11/202 | 22 Analysis | Date: 10 |)/12/2022 | S | SeqNo: 32 | 289053 | Units: mg/K | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenze | ne 0.96 | | 1.000 | | 95.7 | 70 | 130 | | | |
| Sample ID: LCS-7073 | 4 Samp | Type: LC | S | Tes | tCode: EF | PA Method | 8021B: Volat | tiles | | |
| Client ID: LCSS | Bate | ch ID: 70 | 734 | R | RunNo: 9 | 1747 | | | | |
| Prep Date: 10/11/202 | 22 Analysis | Date: 10 |)/12/2022 | S | SeqNo: 32 | 289054 | Units: mg/K | ٤g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.96 | 0.025 | 1.000 | 0 | 96.5 | 80 | 120 | | | |
| Toluene | 0.96 | 0.050 | 1.000 | 0 | 96.5 | 80 | 120 | | | |
| Ethylbenzene | 0.96 | 0.050 | 1.000 | 0 | 96.3 | 80 | 120 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 95.8 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenze | ne 0.95 | | 1.000 | | 95.1 | 70 | 130 | | | |
| | | | | | | | | | | |
| Sample ID: 2210428-0 | 05ams Samp | Туре: МЗ | 6 | Test | tCode: EF | PA Method | 8021B: Volat | tiles | | |
| Sample ID: 2210428-0 Client ID: BES22-68 | | Type: MS ch ID: 70 | | | tCode: Ef RunNo: 9 1 | | 8021B: Volat | tiles | | |
| | 2' Bate | | 734 | R | | 1747 | 8021B: Volat Units: mg/K | | | |
| Client ID: BES22-68 | 2' Bate | ch ID: 70 | 734)/12/2022 | R | RunNo: 9 1 | 1747 | | | RPDLimit | Qual |
| Client ID: BES22-68 Prep Date: 10/11/202 Analyte | 2'Bate22Analysis | ch ID: 70 Date: 10 | 734)/12/2022 | R | RunNo: 9 SeqNo: 3 2 | 1747 289062 | Units: mg/K | ζg | RPDLimit | Qual |
| Client ID: BES22-68 Prep Date: 10/11/20: Analyte Benzene | 2' Bate 22 Analysis Result | ch ID: 70 Date: 10 PQL | 734)/12/2022 SPK value | R S SPK Ref Val | RunNo: 9 SeqNo: 32 %REC | 1747 289062 LowLimit | Units: mg/K HighLimit | ζg | RPDLimit | Qual |
| Client ID: BES22-68 Prep Date: 10/11/20 Analyte Benzene Toluene | 2' Bate 22 Analysis Result 1.0 | ch ID: 70 Date: 10 PQL 0.023 | 734 0/12/2022 SPK value 0.9355 | R S SPK Ref Val 0 | RunNo: 9 SeqNo: 3 %REC 107 | 1747 289062 LowLimit 68.8 | Units: mg/K HighLimit 120 | ζg | RPDLimit | Qual |
| Client ID: BES22-68 Prep Date: 10/11/20 Analyte Benzene Toluene Ethylbenzene | 2' Bate 22 Analysis Result 1.0 1.0 | ch ID: 70 Date: 10 <u>PQL</u> 0.023 0.047 | 734 0/12/2022 SPK value 0.9355 0.9355 | R S SPK Ref Val 0 0 | RunNo: 9 GeqNo: 32 %REC 107 107 | 1747 289062 LowLimit 68.8 73.6 | Units: mg/K HighLimit 120 124 | ζg | RPDLimit | Qual |
| Client ID: BES22-68 Prep Date: 10/11/20 Analyte Benzene Toluene Ethylbenzene | 2' Bate 22 Analysis Result 1.0 1.0 1.0 3.0 | ch ID: 70 Date: 10 PQL 0.023 0.047 0.047 | 734 0/12/2022 SPK value 0.9355 0.9355 0.9355 | R S SPK Ref Val 0 0 0 | RunNo: 9 SeqNo: 3 <u>%REC</u> 107 107 109 | 1747 289062 LowLimit 68.8 73.6 72.7 | Units: mg/K HighLimit 120 124 129 | ζg | RPDLimit | Qual |
| Client ID: BES22-68 Prep Date: 10/11/20 Analyte Benzene Toluene Ethylbenzene Xylenes, Total | 2' Bate 22 Analysis Result 1.0 1.0 1.0 3.0 ne 0.90 | ch ID: 70 Date: 10 PQL 0.023 0.047 0.047 | 734 0/12/2022 SPK value 0.9355 0.9355 0.9355 2.806 0.9355 | R S SPK Ref Val 0 0 0.01816 | RunNo: 9 SeqNo: 32 %REC 107 107 109 107 95.9 | 1747 289062 LowLimit 68.8 73.6 72.7 75.7 70 | Units: mg/K HighLimit 120 124 129 126 | 5g %RPD | RPDLimit | Qual |
| Client ID: BES22-68 Prep Date: 10/11/20 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenze | 2' Bate 22 Analysis <u>Result</u> 1.0 1.0 1.0 3.0 ne 0.90 05amsd Samp | ch ID: 70 Date: 10 <u>PQL</u> 0.023 0.047 0.047 0.094 | 734 D/12/2022 SPK value 0.9355 0.9355 2.806 0.9355 2.806 0.9355 3.806 0.9355 | R SPK Ref Val 0 0 0 0.01816 Test | RunNo: 9 SeqNo: 32 %REC 107 107 109 107 95.9 | 1747 289062 LowLimit 68.8 73.6 72.7 75.7 70 PA Method | Units: mg/K HighLimit 120 124 129 126 130 | 5g %RPD | RPDLimit | Qual |
| Client ID: BES22-68 Prep Date: 10/11/20 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenze Sample ID: 2210428-0 | 2' Bate 22 Analysis Result 1.0 1.0 1.0 3.0 ne 0.90 05amsd Samp 2' Bate | ch ID: 70 Date: 10 <u>PQL</u> 0.023 0.047 0.047 0.094 | 734 2/12/2022 SPK value 0.9355 0.9355 0.9355 2.806 0.9355 2.806 0.9355 5D 734 | R SPK Ref Val 0 0 0.01816 Test R | RunNo: 9 SeqNo: 32 <u>%REC</u> 107 107 109 107 95.9 tCode: EF | 1747 289062 68.8 73.6 72.7 75.7 70 PA Method 1747 | Units: mg/K HighLimit 120 124 129 126 130 | Sg %RPD | RPDLimit | Qual |
| Client ID: BES22-68 Prep Date: 10/11/202 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenze Sample ID: 2210428-0 Client ID: BES22-68 | 2' Bate 22 Analysis Result 1.0 1.0 1.0 3.0 ne 0.90 05amsd Samp 2' Bate | ch ID: 70 Date: 10 PQL 0.023 0.047 0.047 0.094 | 734 2/12/2022 SPK value 0.9355 0.9355 2.806 0.9355 2.806 0.9355 50 734 2/12/2022 | R SPK Ref Val 0 0 0.01816 Test R | RunNo: 9 SeqNo: 32 %REC 107 107 109 107 95.9 tCode: EF RunNo: 9 | 1747 289062 68.8 73.6 72.7 75.7 70 PA Method 1747 | Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat | Sg %RPD | RPDLimit | Qual |
| Client ID: BES22-68 Prep Date: 10/11/20 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenze Sample ID: 2210428-0 Client ID: BES22-68 Prep Date: 10/11/20 Analyte | 2' Bate 22 Analysis Result 1.0 1.0 1.0 3.0 ne 0.90 05amsd Samp 2' Bate 22 Analysis | ch ID: 70 Date: 10 PQL 0.023 0.047 0.047 0.094 Type: MS ch ID: 70 Date: 10 | 734 2/12/2022 SPK value 0.9355 0.9355 2.806 0.9355 2.806 0.9355 50 734 2/12/2022 | R SPK Ref Val 0 0 0.01816 Tesi R S | RunNo: 9 SeqNo: 32 %REC 107 107 109 107 95.9 tCode: EF RunNo: 9 SeqNo: 32 | 1747 289062 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 1747 289063 | Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K | Kg %RPD tiles | | |
| Client ID: BES22-68 Prep Date: 10/11/202 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenze Sample ID: 2210428-0 Client ID: BES22-68 Prep Date: 10/11/202 | 2' Bate 22 Analysis <u>Result</u> 1.0 1.0 1.0 3.0 ne 0.90 05amsd Samp 2' Bate 22 Analysis <u>Result</u> | ch ID: 70 Date: 10 PQL 0.023 0.047 0.047 0.094 Type: MS ch ID: 70 Date: 10 PQL | 734 2/12/2022 SPK value 0.9355 0.9355 2.806 0.9355 2.806 0.9355 5D 734 2/12/2022 SPK value | R SPK Ref Val 0 0 0.01816 Test R SPK Ref Val | RunNo: 9 SeqNo: 32 %REC 107 107 109 107 95.9 tCode: EF RunNo: 9 SeqNo: 32 %REC | 1747 289062 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 1747 289063 LowLimit | Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit | Sg %RPD tiles Sg %RPD | RPDLimit | |
| Client ID: BES22-68 Prep Date: 10/11/202 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenze Sample ID: 2210428-0 Client ID: BES22-68 Prep Date: 10/11/202 Analyte Benzene Toluene | 2' Bate 22 Analysis <u>Result</u> 1.0 1.0 1.0 3.0 ne 0.90 105amsd Samp 2' Bate 22 Analysis <u>Result</u> 1.0 | ch ID: 70 Date: 10 PQL 0.023 0.047 0.047 0.094 Type: MS ch ID: 70 Date: 10 PQL 0.024 | 734 2/12/2022 SPK value 0.9355 0.9355 2.806 0.9355 2.806 0.9355 50 734 50 734 2.806 0.9355 50 734 734 734 734 734 734 734 734 | R SPK Ref Val 0 0 0.01816 Test R SPK Ref Val 0 | RunNo: 9 SeqNo: 32 %REC 107 107 109 107 95.9 tCode: EF RunNo: 9 SeqNo: 32 %REC 108 | 1747 289062 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 1747 289063 LowLimit 68.8 | Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120 | 5g %RPD tiles 5g %RPD 2.01 | RPDLimit 20 | |
| Client ID: BES22-68 Prep Date: 10/11/202 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenze Sample ID: 2210428-0 Client ID: BES22-68 Prep Date: 10/11/202 Analyte Benzene | 2' Bate 22 Analysis Result 1.0 1.0 1.0 3.0 ne 0.90 2' Bate 22 Analysis Result 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | ch ID: 70 Date: 10 PQL 0.023 0.047 0.047 0.094 Type: MS ch ID: 70 Date: 10 PQL 0.024 0.024 0.047 | 734 p/12/2022 SPK value 0.9355 0.9355 2.806 0.9355 2.806 0.9355 5D 734 70 70 70 70 70 70 70 70 70 70 | R SPK Ref Val 0 0 0.01816 Test SPK Ref Val 0 0 | RunNo: 9 SeqNo: 32 %REC 107 107 107 109 107 95.9 tCode: Ef RunNo: 9 SeqNo: 32 %REC 108 109 | 1747 289062 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 1747 289063 LowLimit 68.8 73.6 | Units: mg/K HighLimit 120 124 129 126 130 8021B: Volat Units: mg/K HighLimit 120 124 | 5g %RPD tiles 5g %RPD 2.01 2.30 | RPDLimit 20 20 | |

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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19-Oct-22

2210428

| ANALYSIS LABORATORY | | | | EL: 505-345- | ental Analysis La 4901 Ha Albuquerque, N 3975 FAX: 505-2 w.hallenvironme | wkins NE M 87109 345-4107 | Sar | mple Log-In Check Li | st |
|--|-------------------------|-----------------|-----------------|--------------|--|---------------------------------|----------|---|------|
| Client Name: | Vertex Res Services, | | Wor | k Order Nun | nber: 2210428 | | | RcptNo: 1 | |
| Received By: | Cheyenn | e Cason | 10/8/2 | 022 8:30:00 | AM | ch | 1 | | |
| Completed By: | Cheyenn | e Cason | 10/8/20 | 022 9:16:21 | AM | che | 1 | | |
| Reviewed By: | 10 | > | 10/8 | | | | | | |
| Chain of Cus | tody | | | | | | | | |
| 1. Is Chain of C | ustody comp | olete? | | | Yes 🔽 | N | lo 🗌 | Not Present | |
| 2. How was the | sample deliv | vered? | | | Courier | | | | |
| Log In | | | | | | | | - 10 C | |
| 3. Was an atten | npt made to | cool the sam | ples? | | Yes 🔽 | N | • | | |
| 4. Were all sam | oles received | l at a temper | ature of >0° C | to 6.0°C | Yes 🔽 | N | • | | |
| 5. Sample(s) in | proper conta | iner(s)? | | | Yes 🔽 | N | o 🗆 | | |
| 6. Sufficient sam | ple volume t | for indicated t | test(s)? | | Yes 🗹 | No | b | | |
| 7. Are samples (| except VOA | and ONG) pr | operly preserv | ed? | Yes 🗹 | No | | | |
| 8. Was preserva | tive added to | bottles? | | | Yes 🗌 | No | | NA 🗌 | |
| 9. Received at le | ast 1 vial wit | h headspace | <1/4" for AQ \ | VOA? | Yes 🗌 | No | | NA 🗹 | |
| 10. Were any san | nple contain | ers received l | oroken? | | Yes 🗆 | N | • 🔽 | # of preserved | / |
| 11. Does paperwo (Note discrepa | | | () | | Yes 🗹 | No | b | bottles checked for pH: (<2 or>12 unless no | oted |
| 12. Are matrices o | | | | | Yes 🔽 | No | | Adjusted? | |
| 13. Is it clear what | analyses w | ere requested | 1? | | Yes 🔽 | No | 1 | / | |
| 14. Were all holdin (If no, notify cu | | |) | | Yes 🔽 | No | | Checked by: OMC 10 | 81 |
| Special Handl | ing (if app | olicable) | | | | | | | |
| 15. Was client no | tified of all d | iscrepancies | with this order | ? | Yes 🗌 | N | • | NA 🗹 | |
| Person | Notified: | | | Date | : [| _ | | | |
| By Who | m: | 1 | | Via: | eMail |] Phone [| Fax | In Person | |
| Regardi | ng: | | | | | | | | |
| | structions: | | | | | | | | |
| 16. Additional rer | narks: | | | | | | | | |
| 17. Cooler Inform | | | 10000000 | | | | | | |
| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed | Ву | | |
| 1 | 4.9 | Good | Not Present | | | | | | |

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Page 1 of 1

| | Chain | -of-C | Chain-of-Custody Record | | Turn-Around Ti | d Time: | | | - | | | | | eive |
|----------------|------------------|------------------------|---------------------------|----------|-------------------------|------------------------------|---------------------------|---------------------|------------------|--------|-------------------|--|---|----------------|
| Client: | Verte | Client: Vertex (Deran) | (NON) | | Standard | d 🕅 Rush | sh 5 Daul | | | MALL | SIS | IRON | HALL ENVIRONMENTAL ANALYSTS LARODATODY | |
| | | | | T | Project Name: | | ſ | | | | | | | |
| Mailing | Mailing Address: | NO | file | | | Fritas | | 4901 | Mawkins | NE - | Albuque | www.riallerivironmental.com 4901 Hawkins NE - Albuquergue, NM 87109 | 87109 | • 14/4 |
| | | | | | Project #: | | | Tel. | 505-345-3975 | 3975 | Fax | 505-345-4107 | 07 | / 202 |
| Phone #: | #: | | | | 22E | - 01417 | 7 | | | An | The second second | Request | 5 | |
| email o | email or Fax#: | | | | Project Manager: | ager: | | | | | | (11 | | - |
| QA/QC Packa | QA/QC Package: | | Level 4 (Full Validation) | | Kent | Statin | ren | r208) s' 0 / MR(| | | PO₄, S(| nəedA\t | | <u>23 PM</u> - |
| Accreditation: | itation: | D Az C | Az Compliance | | Sampler: | HE/CPC | | שמ | (1 | | ⁵ | uəs | | - |
| D NELAC | AC | □ Other | _ | | | d Yes | ON D | / 0 | .40 | | N | _ | | |
| | EDD (Type) | | | 1 | # of Coolers: | | | BB | g p | elst | _ | | | _ |
| | | | | | Cooler Tem | Cooler Temp(including CF): 4 | (.a. 0 = 4.9 (°C) | TM M5D(| əqtə | əM 8 | - | | | _ |
| Date | Time | Matrix | Sample Name | | Container Type and # | Preservative Tvpe | HEAL No. | - | M) 803 A sHAc | 8 AADS | N) 0928 | S) (Si otal Co | | |
| 12-9-01 | 9:40 | Soil | Bres 6745 8 ES22-6 12 | | l-jar | ice | Col |) | 1 | 4 | 1.18 | - | | |
| - | 7:50 | - | BES22-62 | 21 | _ | - | COL | | | | | | | |
| | 10:08 | - | BES22-65 | 2' | | | c03 | | | | | | | - |
| | 10:05 | | BES22-67 | 1' | | | POOH | | | | | | | |
| | 01:01 | | BES22-68 | 2' | | | 2005 | | | | | | | |
| _ | 11:45 | | B ES22-90 | 4 | | | 006 | | | | | | | |
| | 11:55 | | B ES 22- 15 | 4 | | | 607 | | | | | | | |
| | 12:00 | | BES22-96 | 4 | | | 800 | | | | | | | |
| - | 12:50 | | BES22-102 | 4 | | | 500 | | | | | | | |
| | 12:55 | - | BES22-104 | 2' | | / | 010 | | | | | | | |
| | 13:05 | | BE522-106 | 1' | 1 | _ | 110 | | | | | | | |
| | 13:15 | \rightarrow | BES22-108 | 4 | 7 | | 012 | | | | | | | - |
| Date: | 5 pm | Relinquished by: | ed by: Englith | <u>.</u> | Received by: | Via: " | Date Time 10/1/72 1030 | Remarks: | | | | | | E |
| Date: | Time: | Rel | ed by: | Ľ. | Received by: | Via: | Date Time | 707 | 709 1674 | 141 | | | | 10 |
| 1111 | 1111 | 110110 | (| | | | | | | | | | | シ |



October 21, 2022

Kent Stallings Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040 FAX

OrderNo.: 2210467

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Papas Fritas 27 CTB 1

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 9 sample(s) on 10/11/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report
Lab Order 2210467

Date Reported: 10/21/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-01 0-2' Collection Date: 10/7/2022 9:45:00 AM Received Date: 10/11/2022 7:25:00 AM

| Lab ID: 2210467-001 | Matrix: SOIL | Recei | ved Date: | 10/11/ | 2022 7:25:00 AM |
|----------------------------------|--------------|----------|-----------|--------|-----------------------|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/13/2022 7:07:55 AM |
| Motor Oil Range Organics (MRO) | ND | 45 | mg/Kg | 1 | 10/13/2022 7:07:55 AM |
| Surr: DNOP | 95.2 | 21-129 | %Rec | 1 | 10/13/2022 7:07:55 AM |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/12/2022 9:45:45 PM |
| Surr: BFB | 82.8 | 37.7-212 | %Rec | 1 | 10/12/2022 9:45:45 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 9:45:45 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 9:45:45 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 9:45:45 PM |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/12/2022 9:45:45 PM |
| Surr: 4-Bromofluorobenzene | 91.1 | 70-130 | %Rec | 1 | 10/12/2022 9:45:45 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/14/2022 9:55:49 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

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 16

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report
Lab Order 2210467

Date Reported: 10/21/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-02 0-2' Collection Date: 10/7/2022 9:50:00 AM Received Date: 10/11/2022 7:25:00 AM

| Lab ID: 2210467-002 | Matrix: SOIL | Recei | ved Date: | 10/11/ | 2022 7:25:00 AM |
|----------------------------------|--------------|----------|-----------|--------|------------------------|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/13/2022 7:18:25 AM |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/13/2022 7:18:25 AM |
| Surr: DNOP | 81.3 | 21-129 | %Rec | 1 | 10/13/2022 7:18:25 AM |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/12/2022 10:09:19 PM |
| Surr: BFB | 84.9 | 37.7-212 | %Rec | 1 | 10/12/2022 10:09:19 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 10:09:19 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 10:09:19 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 10:09:19 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/12/2022 10:09:19 PM |
| Surr: 4-Bromofluorobenzene | 92.0 | 70-130 | %Rec | 1 | 10/12/2022 10:09:19 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 59 | mg/Kg | 20 | 10/14/2022 10:08:14 PM |

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

Qualifiers:

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

Page 2 of 16

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report Lab Order 2210467

Date Reported: 10/21/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-12 0-4' Collection Date: 10/7/2022 10:05:00 AM Received Date: 10/11/2022 7:25:00 AM

| Lab ID: 2210467-003 | Matrix: SOIL | Recei | ved Date: | 10/11/ | 2022 7:25:00 AM |
|----------------------------------|--------------|----------|-----------|--------|------------------------|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/13/2022 7:28:56 AM |
| Motor Oil Range Organics (MRO) | ND | 42 | mg/Kg | 1 | 10/13/2022 7:28:56 AM |
| Surr: DNOP | 92.7 | 21-129 | %Rec | 1 | 10/13/2022 7:28:56 AM |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/12/2022 10:32:54 PM |
| Surr: BFB | 82.4 | 37.7-212 | %Rec | 1 | 10/12/2022 10:32:54 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 10:32:54 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 10:32:54 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 10:32:54 PM |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/12/2022 10:32:54 PM |
| Surr: 4-Bromofluorobenzene | 90.8 | 70-130 | %Rec | 1 | 10/12/2022 10:32:54 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/14/2022 10:20:38 PM |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report
Lab Order 2210467

Date Reported: 10/21/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-17 0-2' Collection Date: 10/7/2022 10:15:00 AM Received Date: 10/11/2022 7:25:00 AM

| Lab ID: 2210467-004 | Matrix: SOIL | Recei | ved Date: | 10/11/ | 2022 7:25:00 AM |
|----------------------------------|--------------|----------|-----------|--------|------------------------|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/13/2022 7:39:27 AM |
| Motor Oil Range Organics (MRO) | ND | 45 | mg/Kg | 1 | 10/13/2022 7:39:27 AM |
| Surr: DNOP | 55.3 | 21-129 | %Rec | 1 | 10/13/2022 7:39:27 AM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/12/2022 10:56:29 PM |
| Surr: BFB | 85.2 | 37.7-212 | %Rec | 1 | 10/12/2022 10:56:29 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 10:56:29 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 10:56:29 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 10:56:29 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/12/2022 10:56:29 PM |
| Surr: 4-Bromofluorobenzene | 92.9 | 70-130 | %Rec | 1 | 10/12/2022 10:56:29 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | 350 | 60 | mg/Kg | 20 | 10/14/2022 10:33:02 PM |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Project: Papas Fritas 27 CTB 1

Analytical Report Lab Order 2210467

Date Reported: 10/21/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-20 0-2' Collection Date: 10/7/2022 10:20:00 AM Received Date: 10/11/2022 7:25:00 AM

| Lab ID: 2210467-005 | Matrix: SOIL Result | Received Date: 10/11/2022 7:25:00 AM | | | | |
|----------------------------------|------------------------|---|---------|----|------------------------|--|
| Analyses | | RL Qua | l Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/13/2022 7:49:59 AM | |
| Motor Oil Range Organics (MRO) | ND | 45 | mg/Kg | 1 | 10/13/2022 7:49:59 AM | |
| Surr: DNOP | 82.9 | 21-129 | %Rec | 1 | 10/13/2022 7:49:59 AM | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: NSB | |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/12/2022 11:20:02 PM | |
| Surr: BFB | 84.9 | 37.7-212 | %Rec | 1 | 10/12/2022 11:20:02 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/12/2022 11:20:02 PM | |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/12/2022 11:20:02 PM | |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/12/2022 11:20:02 PM | |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/12/2022 11:20:02 PM | |
| Surr: 4-Bromofluorobenzene | 92.9 | 70-130 | %Rec | 1 | 10/12/2022 11:20:02 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | |
| Chloride | 330 | 60 | mg/Kg | 20 | 10/14/2022 10:45:26 PM | |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report Lab Order 2210467

Date Reported: 10/21/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-21 0-2' Collection Date: 10/7/2022 10:25:00 AM Received Date: 10/11/2022 7:25:00 AM

| Lab ID: 2210467-006 | Matrix: SOIL Result | Received Date: 10/11/2022 7:25:00 AM | | | | |
|---------------------------------|---------------------|--------------------------------------|----------|----|------------------------|--|
| | | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analyst: SB | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/14/2022 11:59:32 AM | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/14/2022 11:59:32 AM | |
| Surr: DNOP | 117 | 21-129 | %Rec | 1 | 10/14/2022 11:59:32 AM | |
| EPA METHOD 8015D: GASOLINE RAN | GE | | | | Analyst: BRM | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/12/2022 12:06:00 PM | |
| Surr: BFB | 95.7 | 37.7-212 | %Rec | 1 | 10/12/2022 12:06:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/12/2022 12:06:00 PM | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/12/2022 12:06:00 PM | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/12/2022 12:06:00 PM | |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 10/12/2022 12:06:00 PM | |
| Surr: 4-Bromofluorobenzene | 96.1 | 70-130 | %Rec | 1 | 10/12/2022 12:06:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | |
| Chloride | 330 | 60 | mg/Kg | 20 | 10/14/2022 10:57:51 PM | |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report
Lab Order 2210467

Date Reported: 10/21/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-30 0-2' Collection Date: 10/7/2022 10:35:00 AM Received Date: 10/11/2022 7:25:00 AM

| Lab ID: 2210467-007 Analyses | Matrix: SOIL Result | Received Date: 10/11/2022 7:25:00 AM | | | |
|----------------------------------|------------------------|---|---------|----|------------------------|
| | | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/14/2022 1:10:35 PM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/14/2022 1:10:35 PM |
| Surr: DNOP | 97.2 | 21-129 | %Rec | 1 | 10/14/2022 1:10:35 PM |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/12/2022 1:05:00 PM |
| Surr: BFB | 94.8 | 37.7-212 | %Rec | 1 | 10/12/2022 1:05:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 1:05:00 PM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/12/2022 1:05:00 PM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/12/2022 1:05:00 PM |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/12/2022 1:05:00 PM |
| Surr: 4-Bromofluorobenzene | 94.4 | 70-130 | %Rec | 1 | 10/12/2022 1:05:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | 110 | 59 | mg/Kg | 20 | 10/14/2022 11:10:16 PM |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report
Lab Order 2210467

Date Reported: 10/21/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-34 0-2' Collection Date: 10/7/2022 10:50:00 AM Received Date: 10/11/2022 7:25:00 AM

| Lab ID: 2210467-008 | Matrix: SOIL | Rece | ived Date: | 10/11/ | 2022 7:25:00 AM |
|----------------------------------|--------------|----------|------------|--------|------------------------|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/14/2022 1:34:13 PM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/14/2022 1:34:13 PM |
| Surr: DNOP | 98.0 | 21-129 | %Rec | 1 | 10/14/2022 1:34:13 PM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/12/2022 2:24:00 PM |
| Surr: BFB | 96.8 | 37.7-212 | %Rec | 1 | 10/12/2022 2:24:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/12/2022 2:24:00 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 2:24:00 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/12/2022 2:24:00 PM |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/12/2022 2:24:00 PM |
| Surr: 4-Bromofluorobenzene | 93.7 | 70-130 | %Rec | 1 | 10/12/2022 2:24:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/17/2022 11:18:00 AM |

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

Qualifiers:

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report Lab Order 2210467

Date Reported: 10/21/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-35 0-4' Collection Date: 10/7/2022 11:00:00 AM Received Date: 10/11/2022 7:25:00 AM

| Lab ID: 2210467-009 | Matrix: SOIL | Recei | ved Date: | 10/11/ | 2022 7:25:00 AM |
|----------------------------------|--------------|----------|-----------|--------|------------------------|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/14/2022 1:57:53 PM |
| Motor Oil Range Organics (MRO) | ND | 43 | mg/Kg | 1 | 10/14/2022 1:57:53 PM |
| Surr: DNOP | 122 | 21-129 | %Rec | 1 | 10/14/2022 1:57:53 PM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/12/2022 2:43:00 PM |
| Surr: BFB | 92.5 | 37.7-212 | %Rec | 1 | 10/12/2022 2:43:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/12/2022 2:43:00 PM |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/12/2022 2:43:00 PM |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/12/2022 2:43:00 PM |
| Xylenes, Total | ND | 0.092 | mg/Kg | 1 | 10/12/2022 2:43:00 PM |
| Surr: 4-Bromofluorobenzene | 93.3 | 70-130 | %Rec | 1 | 10/12/2022 2:43:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | 300 | 60 | mg/Kg | 20 | 10/17/2022 11:30:20 AM |

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

Qualifiers:

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

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| Client: Project: | | esources S tas 27 CTI | | , Inc. | | | | | | | |
|---------------------|---------|--------------------------|-----------------|-----------|-------------|-------------------|-----------|--------------|------|----------|------|
| Sample ID: MB-7 | 70846 | SampT | ype: ME | BLK | Tes | tCode: EF | PA Method | 300.0: Anion | s | | |
| Client ID: PBS | | Batch | n ID: 70 | 846 | F | RunNo: 91 | 1834 | | | | |
| Prep Date: 10/ | 14/2022 | Analysis D | ate: 10 |)/14/2022 | S | SeqNo: 32 | 293127 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND | 1.5 | | | | | | | | |
| Sample ID: LCS | -70846 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 300.0: Anion | s | | |
| Client ID: LCS | S | Batch | n ID: 70 | 846 | F | RunNo: 9 1 | 1834 | | | | |
| Prep Date: 10/ | 14/2022 | Analysis D | ate: 10 | 0/14/2022 | S | SeqNo: 32 | 293128 | 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 | 96.1 | 90 | 110 | | | |

Qualifiers:

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

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21-Oct-22

| | esources Services tas 27 CTB 1 | , Inc. | | | | | | | |
|--------------------------------|-----------------------------------|-----------|-------------|------------------|-----------|--------------|------------|------------|------|
| Sample ID: LCS-70748 | SampType: L | S | Tes | Code: EF | A Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: LCSS | Batch ID: 70 | 748 | R | unNo: 91 | 700 | | | | |
| Prep Date: 10/11/2022 | Analysis Date: 1 | 0/13/2022 | S | eqNo: 32 | 291224 | Units: mg/K | g | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 38 15 | | 0 | 75.3 | 46.9 | 103 | | | |
| Surr: DNOP | 4.0 | 5.000 | | 80.2 | 21 | 129 | | | |
| Sample ID: MB-70748 | SampType: M | BLK | Test | Code: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: PBS | Batch ID: 70 | 748 | R | unNo: 91 | 700 | | | | |
| Prep Date: 10/11/2022 | Analysis Date: 1 | 0/13/2022 | S | eqNo: 32 | 291225 | Units: mg/K | g | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND 15 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND 50 | | | 00 5 | 04 | 400 | | | |
| Surr: DNOP | 9.9 | 10.00 | | 98.5 | 21 | 129 | | | |
| Sample ID: MB-70822 | SampType: M | BLK | Test | Code: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: PBS | Batch ID: 70 | 822 | R | unNo: 91 | 846 | | | | |
| Prep Date: 10/13/2022 | Analysis Date: 1 | 0/14/2022 | S | eqNo: 32 | 293491 | Units: mg/K | g | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND 15 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND 50 | | | 404 | 04 | 100 | | | |
| Surr: DNOP | 12 | 10.00 | | 121 | 21 | 129 | | | |
| Sample ID: LCS-70822 | SampType: L | cs | Tes | Code: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: LCSS | Batch ID: 70 | 822 | R | unNo: 9 1 | 846 | | | | |
| Prep Date: 10/13/2022 | Analysis Date: 1 | 0/14/2022 | S | eqNo: 32 | 293492 | Units: mg/K | g | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 51 15 | 50.00 | 0 | 102 | 64.4 | 127 | | | |
| Surr: DNOP | 5.2 | 5.000 | | 104 | 21 | 129 | | | |
| Sample ID: 2210467-006AMS | SampType: M | S | Tes | Code: EF | A Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: WES22-21 0-2' | Batch ID: 70 | 822 | R | unNo: 9 1 | 846 | | | | |
| Prep Date: 10/13/2022 | Analysis Date: 1 | 0/14/2022 | S | eqNo: 32 | 293494 | Units: mg/K | g | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 49 13 | | 0 | 115 | 36.1 | 154 | | | |
| Surr: DNOP | 4.7 | 4.270 | | 109 | 21 | 129 | | | |

Qualifiers:

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

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21-Oct-22

| Client: Project: | | esources Se as 27 CTB | | , Inc. | | | | | | | |
|---------------------|-----------------|--------------------------|-----------------|-----------|-------------|-----------|-----------|-------------|------------|------------|------|
| Sample ID: | 2210467-006AMSD | SampTy | pe: M \$ | SD | Tes | tCode: El | PA Method | 8015M/D: Di | esel Range | e Organics | |
| Client ID: | WES22-21 0-2' | Batch | ID: 70 | 822 | F | RunNo: 9 | 1846 | | | | |
| Prep Date: | 10/13/2022 | Analysis Da | te: 10 | 0/14/2022 | S | SeqNo: 3 | 293495 | Units: mg/k | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | 46 | 15 | 49.41 | 0 | 92.8 | 36.1 | 154 | 7.23 | 33.9 | |
| Surr: DNOP | | 3.9 | | 4.941 | | 78.6 | 21 | 129 | 0 | 0 | |

Qualifiers:

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

2210467

21-Oct-22

| Surr: BFB 880 1000 87.7 37.7 212 Sample ID: Ics-70734 SampType: LCs TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 70734 RunNo: 91747 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289016 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GR0) 24 5.0 25.00 0 95.3 72.3 137 212 1001 0ual Sample ID: Ics-70739 SampType: LCs TestCode: EPA Method 8015D: Gasoline Range Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GR0) 24 5.0 25.00 0 94.0 72.3 137 212 1011 Qual Qual< | | esources S itas 27 CTI | | Inc. | | | | | | | |
|--|--|---------------------------|----------------|-----------|-------------|-------------------|-----------|--------------------|-----------|----------|------|
| Prep Date: 10/11/2022 Seq.No: 3289015 Units: mg/Kg Analyte Redut PQL SPK value SPK Ref Val %REC LowLinit HighLinit %RPD RPDLinit Qual Gaseline Range Organics (GRO) ND 5.0 87.7 37.7 212 5.0 5.0 Sample ID: IoS-70734 SampType: LCS TestCode: EPA Method Sol15D: casoline Range 0.10 0.87.7 37.7 212 5.0 | Sample ID: mb-70734 | SampT | ype: ME | BLK | Test | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Analyte Result PQL SPK value SPK Ref Val % REC LowLinit HighLinit % RPD RPDLinit Qual Gascine Range Organics (GRO) ND 5.0 87.7 37.7 212 | Client ID: PBS | Batch | n ID: 707 | 734 | R | RunNo: 9 ' | 1747 | | | | |
| Gasoline Range Organics (GRO) ND 5.0 877 37.7 212 Sam: BFB 880 1000 87.7 37.7 212 Sample ID: tes-70734 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 70734 RunNo: 91747 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289016 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.3 72.3 137 Sum: BFB 1800 1000 184 37.7 212 Sample ID: Ib: CSS Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289240 Units: mg/Kg Analyte Resu | Prep Date: 10/11/2022 | Analysis D | ate: 10 | /12/2022 | S | SeqNo: 32 | 289015 | Units: mg/K | g | | |
| Sur: BFB880100087.737.7212Sample ID: Ics-70734SampType: LSTestCode: EPA Method 3015D: Gasoline Range/ SeqNo: 328916Units: mg/KgClient ID:LCSSBatch ID: 70734SeqNo: 328916Units: mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualGasoline Range Organica (GRO)245.025.00095.372.31372121100100011001 | Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Client ID: LCSS Batch ID: 7073 RunN: 91747 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289016 Units: mg/kg Analyte Result PQL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.3 72.3 137 Surr. BFB 1800 1000 184 37.7 212 Sampt ID: Les-70739 SampType: LCS TestCode: EPA Method Units: mg/kg Analyte Result PQL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 2.5.0 0 94.0 72.3 137 37 Surr. BFB 2000 1000 2.5.0 0 94.0 72.3 137 37 212 5 Sample ID: mb-70739 SampType: MBL/L TestCode: EPA Methode | Gasoline Range Organics (GRO) Surr: BFB | | 5.0 | 1000 | | 87.7 | 37.7 | 212 | | | |
| Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289016 Units: mg/Kg Analyte Result PQL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.3 72.3 137 Sum: BFB 1800 1000 184 37.7 212 Sample ID: Ics-70739 SampType: ICS Batch ID: 70739 RunNo: 91729 Qual Qual Qual Qual Qual Qual Qual < | Sample ID: Ics-70734 | SampT | ype: LC | S | Test | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GR0) 24 5.0 25.00 0 95.3 72.3 137 Sur: BFB 1800 1000 184 37.7 212 | Client ID: LCSS | Batch | ID: 70 | 734 | R | RunNo: 9 | 1747 | | | | |
| Gasoline Range Organics (GR0) 24 5.0 25.00 0 95.3 72.3 137 Sur: BFB 1800 1000 184 37.7 212 Sample ID: Ics-70739 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 SeqNo: 3289240 Units: mg/Kg Analyte Result PQL SPK value SPK value SPK value Gasoline Range Organics (GR0) 24 5.0 25.00 0 94.0 72.3 137 Surr: BFB 2000 1000 204 37.7 212 2 Sample ID: mb-70739 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Gasoline Range Gasoline Range 2 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289241 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLinit HighLinit %RPD RPDLimit Qual< | Prep Date: 10/11/2022 | Analysis D | ate: 10 | /12/2022 | S | SeqNo: 32 | 289016 | Units: mg/K | g | | |
| Sur:::BFB 1800 1000 184 37.7 212 Sample ID:::::::::::::::::::::::::::::::::::: | Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Sample ID: LCs TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289240 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 94.0 72.3 137 Surr: BFB 2000 1000 204 37.7 212 Sample ID: mb-70739 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 70739 RunNo: 91729 Gasoline Range Organics (GRO) ND 5.0 97.3 37.7 212 Sample ID: 2210467-006ams SampType: MSE< | Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 95.3 | 72.3 | 137 | | | |
| Client ID: LCSS Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289240 Units: mg/Kg Analyte Result PQL SPK value SPK ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 94.0 72.3 137 Surr: BFB 2000 1000 20.4 37.7 212 2100 2000 1000 204 37.7 212 2100 2100 2000 < | Surr: BFB | 1800 | | 1000 | | 184 | 37.7 | 212 | | | |
| Prep Date:10/11/2022Analysis Date:10/12/2022Seq No:3289240Units:Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPD LimitQualGasoline Range Organics (GRO)2005.025.0094.072.3137137Surr: BFB2000100020437.721211< | Sample ID: Ics-70739 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 94.0 72.3 137 Surr: BFB 2000 1000 204 37.7 212 500 200 <t< td=""><td>Client ID: LCSS</td><td>Batch</td><td>ID: 70</td><td>739</td><td>R</td><td>RunNo: 91</td><td>1729</td><td></td><td></td><td></td><td></td></t<> | Client ID: LCSS | Batch | ID: 70 | 739 | R | RunNo: 9 1 | 1729 | | | | |
| Gasoline Range Organics (GR0) 24 5.0 25.00 0 94.0 72.3 137 Surr: BFB 2000 1000 204 37.7 212 Sample ID: mb-70739 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289241 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GR0) ND 5.0 970 1000 97.3 37.7 212 Sample ID: 2210467-006ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289251 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit | Prep Date: 10/11/2022 | Analysis D | ate: 10 | /12/2022 | S | SeqNo: 32 | 289240 | Units: mg/K | g | | |
| Surr: BFB 200 1000 204 37.7 212 Sample ID: mb-70739 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289241 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) ND 5.0 970 1000 97.3 37.7 212 Sample ID: 2210467-006ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289251 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 | Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289241 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) ND 5.0 SampType: MS TestCode: EPA Method 8015D: Gasoline Range Gasoline Range Organics (GRO) ND 5.0 SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289251 Units: mg/Kg Analyte Result PQL SPK value SPK Kef Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline R | Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 94.0 | 72.3 | 137 | | | |
| Client ID: PBS Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289241 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) ND 5.0 37.7 212 Sample ID: 2210467-006ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289251 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.6 70 130 S Surr: BFB 2200 10 | Surr: BFB | 2000 | | 1000 | | 204 | 37.7 | 212 | | | |
| Prep Date:10/11/2022Analysis Date:10/12/2022SeqNo: 3289241 Units:units: mg/Kg AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualGasoline Range Organics (GRO)ND 5.0 970100097.3 37.7 212 $$ | Sample ID: mb-70739 | SampT | ype: ME | BLK | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) ND 5.0 970 1000 97.3 37.7 212 Qual Qual Qual Qual Qual %RPD RPDLimit Qual Qual Qual <td< td=""><td>Client ID: PBS</td><td>Batch</td><td>ID: 70</td><td>739</td><td>R</td><td>RunNo: 9</td><td>1729</td><td></td><td></td><td></td><td></td></td<> | Client ID: PBS | Batch | ID: 70 | 739 | R | RunNo: 9 | 1729 | | | | |
| Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 970 1000 97.3 37.7 212 Sample ID: 2210467-006ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289251 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.6 70 130 Surr: BFB 2200 1000 216 37.7 212 S Sample ID: 2210467-006amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range S Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 S | Prep Date: 10/11/2022 | Analysis D | ate: 10 | /12/2022 | S | SeqNo: 32 | 289241 | Units: mg/K | g | | |
| Surr: BFB 970 1000 97.3 37.7 212 Sample ID: 2210467-006ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289251 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.6 70 130 Surr: BFB 2200 1000 216 37.7 212 S Sample ID: 2210467-006amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range S S Client ID: WES22-21 0-2' Batch ID: 70739 TestCode: EPA Method 8015D: Gasoline Range S | Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Sample ID: 2210467-006ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289251 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val % REC LowLimit HighLimit % RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.6 70 130 Surr: BFB 2200 1000 216 37.7 212 S Sample ID: 2210467-006amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 | Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289251 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.6 70 130 S Surr: BFB 2200 1000 216 37.7 212 S Sample ID: 2210467-006amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 | Surr: BFB | 970 | | 1000 | | 97.3 | 37.7 | 212 | | | |
| Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289251 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.6 70 130 | Sample ID: 2210467-006ams | SampT | ype: MS | ; | Test | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.6 70 130 Surr: BFB 2200 1000 216 37.7 212 S Sample ID: 2210467-006amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range S Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 S | Client ID: WES22-21 0-2' | Batch | D: 70 | 739 | R | RunNo: 9 1 | 1729 | | | | |
| Gasoline Range Organics (GRO) 24 5.0 25.00 0 95.6 70 130 Surr: BFB 2200 1000 216 37.7 212 S Sample ID: 2210467-006amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 | Prep Date: 10/11/2022 | Analysis D | ate: 10 | /12/2022 | S | SeqNo: 3 | 289251 | Units: mg/K | g | | |
| Surr: BFB 2200 1000 216 37.7 212 S Sample ID: 2210467-006amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 | Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Sample ID: 2210467-006amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 | Gasoline Range Organics (GRO) | 24 | 5.0 | | 0 | 95.6 | | 130 | | | |
| Client ID: WES22-21 0-2' Batch ID: 70739 RunNo: 91729 | Surr: BFB | 2200 | | 1000 | | 216 | 37.7 | 212 | | | S |
| | Sample ID: 2210467-006amsc | I SampT | ype: MS | D | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Prep Date: 10/11/2022 Analysis Date: 10/12/2022 SeqNo: 3289252 Units: mg/Kg | Client ID: WES22-21 0-2' | Batch | ID: 70 | 739 | R | RunNo: 9 4 | 1729 | | | | |
| | Prep Date: 10/11/2022 | Analysis D | ate: 10 | /12/2022 | S | SeqNo: 32 | 289252 | Units: mg/K | g | | |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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| Client: Project: | Vertex Re Papas Frit | esources Setas 27 CTH | | , Inc. | | | | | | | |
|---------------------|-------------------------|-----------------------|---------|-----------|-------------|-----------------|-----------|-------------|-----------|----------|------|
| Sample ID: | 2210467-006amsd | SampT | ype: MS | SD | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | WES22-21 0-2' | Batch | ID: 70 | 739 | R | tunNo: 9 | 1729 | | | | |
| Prep Date: | 10/11/2022 | Analysis D | ate: 10 | 0/12/2022 | S | eqNo: 3 | 289252 | Units: mg/K | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range | e Organics (GRO) | 25 | 5.0 | 24.98 | 0 | 100 | 70 | 130 | 4.72 | 20 | |
| Surr: BFB | | 2200 | | 999.0 | | 218 | 37.7 | 212 | 0 | 0 | S |

Qualifiers:

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

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| | Resources S ritas 27 CT | | Inc. | | | | | | | |
|----------------------------|----------------------------|-----------------|-----------|-------------|-------------------|-----------|--------------------|------|----------|------|
| Sample ID: mb-70734 | SampT | Гуре: МЕ | BLK | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: PBS | Batcl | h ID: 70 | 734 | F | RunNo: 9 ′ | 1747 | | | | |
| Prep Date: 10/11/2022 | Analysis E | Date: 10 |)/12/2022 | S | SeqNo: 32 | 289053 | Units: mg/K | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.96 | | 1.000 | | 95.7 | 70 | 130 | | | |
| Sample ID: LCS-70734 | SampT | Type: LC | S | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: LCSS | Batcl | h ID: 70 | 734 | F | RunNo: 9 ′ | 1747 | | | | |
| Prep Date: 10/11/2022 | Analysis E | Date: 10 |)/12/2022 | S | SeqNo: 32 | 289054 | Units: mg/K | ſg | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.96 | 0.025 | 1.000 | 0 | 96.5 | 80 | 120 | | | |
| Toluene | 0.96 | 0.050 | 1.000 | 0 | 96.5 | 80 | 120 | | | |
| Ethylbenzene | 0.96 | 0.050 | 1.000 | 0 | 96.3 | 80 | 120 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 95.8 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.95 | | 1.000 | | 95.1 | 70 | 130 | | | |
| Sample ID: Ics-70739 | SampT | Гуре: LC | S | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: LCSS | Batcl | h ID: 70 | 739 | F | RunNo: 9 ' | 1729 | | | | |
| Prep Date: 10/11/2022 | Analysis E | Date: 10 |)/12/2022 | S | SeqNo: 3 | 289261 | Units: mg/K | (g | | |
| Analyte | Result | PQL | | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.025 | 1.000 | 0 | 111 | 80 | 120 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 109 | 80 | 120 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 109 | 80 | 120 | | | |
| Xylenes, Total | 3.2 | 0.10 | 3.000 | 0 | 107 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 100 | 70 | 130 | | | |
| Sample ID: mb-70739 | SampT | Гуре: МЕ | BLK | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: PBS | Batcl | h ID: 70 | 739 | F | RunNo: 9 ′ | 1729 | | | | |
| Prep Date: 10/11/2022 | Analysis E | Date: 10 |)/12/2022 | 5 | SeqNo: 3 | 289262 | Units: mg/K | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.96 | | 1.000 | | 96.0 | 70 | 130 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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| Sample ID: 2210467-007 | ams Samp | Туре: М | 6 | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
|----------------------------|-----------|----------------|-----------|-------------|-----------|-----------|--------------|------|----------|------|
| Client ID: WES22-30 0- | 2' Bato | h ID: 70 | 739 | F | unNo: 9 | 1729 | | | | |
| Prep Date: 10/11/2022 | Analysis | Date: 10 | 0/12/2022 | S | eqNo: 3 | 289265 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.2 | 0.024 | 0.9425 | 0 | 122 | 68.8 | 120 | | | S |
| Toluene | 1.1 | 0.047 | 0.9425 | 0 | 121 | 73.6 | 124 | | | |
| Ethylbenzene | 1.1 | 0.047 | 0.9425 | 0 | 122 | 72.7 | 129 | | | |
| Xylenes, Total | 3.4 | 0.094 | 2.828 | 0 | 119 | 75.7 | 126 | | | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 0.9425 | | 97.8 | 70 | 130 | | | |
| Sample ID: 2210467-007a | amsd Samp | Туре: МS | SD | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
| Client ID: WES22-30 0- | 2' Bato | ch ID: 70 | 739 | F | lunNo: 9 | 1729 | | | | |
| Prep Date: 10/11/2022 | Analysis | Date: 10 |)/12/2022 | S | eqNo: 3 | 289266 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.023 | 0.9381 | 0 | 118 | 68.8 | 120 | 4.16 | 20 | |
| Toluene | 1.1 | 0.047 | 0.9381 | 0 | 116 | 73.6 | 124 | 4.45 | 20 | |
| Ethylbenzene | 1.1 | 0.047 | 0.9381 | 0 | 116 | 72.7 | 129 | 5.08 | 20 | |
| Xylenes, Total | 3.2 | 0.094 | 2.814 | 0 | 114 | 75.7 | 126 | 4.95 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 0.9381 | | 98.1 | 70 | 130 | 0 | 0 | |

Qualifiers:

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

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21-Oct-22

| | ANAL | ONMENT YSIS Ratory | | T | EL: 505-345 Website: w | Albuquer -3975 FAX | que, NN 505-34 | 45-4107 | Sar | nple Log-In | Check List |
|-----------|-------------------------------------|---------------------------|---|----------------------------|---------------------------|-----------------------|-------------------|----------|-----|--------------------------------|-----------------------|
| С | lient Name: | Vertex Re Services, | | Wor | k Order Nu | mber: 221 | 0467 | | | RcptN | o: 1 |
| Re | eceived By: | Juan Ro | jas | 10/11/ | 2022 7:25: | 00 AM | | Guan | ag. | | |
| Co | ompleted By: | Cheyenn | e Cason | 10/11/ | 2022 8:40: | 08 AM | | Classe | 1 | | |
| Re | eviewed By: | KPC | N 10 | 11.23 | ~ | | | Com | | | |
| Ch | nain of Cus | tody | | | | | | | | | |
| 1. | Is Chain of C | ustody com | olete? | | | Yes | V | No | | Not Present | |
| 2. | How was the | sample deli | vered? | | | Cou | rier | | | | |
| Le | og In | | | | | | | | | | |
| 3. | Was an attem | pt made to | cool the sam | ples? | | Yes | ~ | No | | | |
| 4. 1 | Were all samp | les receive | d at a temper | ature of >0° C | to 6.0°C | Yes | ~ | No | | | |
| 5. | Sample(s) in p | proper conta | ainer(s)? | | | Yes | | No | | | |
| 6. 5 | Sufficient sam | ole volume | for indicated | test(s)? | | Yes | ~ | No | | | |
| 7. F | Are samples (e | except VOA | and ONG) p | roperly preserv | ed? | Yes | ~ | No | | | |
| 8. v | Was preservat | ive added to | bottles? | | | Yes | | No | ~ | NA 🗌 | |
| 9. F | Received at lea | ast 1 vial wi | th headspace | e <1/4" for AQ \ | /OA? | Yes | | No | | NA 🗹 | |
| 10.1 | Were any sam | ple contain | ers received | broken? | | Yes | | No | | # of preserved bottles checked | |
| 11.c (| Does paperwo Note discrepa | k match bo ncies on ch | ttle labels? ain of custod | y) | | Yes | ~ | No | | for pH: | or >12 unless noted) |
| | | | | in of Custody? | | Yes | ~ | No | | Adjusted? | in the draboo fielday |
| 13.1 | s it clear what | analyses w | ere requeste | d? | | Yes | ~ | No | | | |
| | Vere all holdin If no, notify cu | | |) | | Yes | ~ | No | | Checked by: | Julela/2 |
| Spe | cial Handli | ng (if app | olicable) | | | | | | | | |
| 15.1 | Was client not | ified of all d | iscrepancies | with this order' | ? | Yes | | No | | NA 🗹 | |
| | Person M | lotified: | Г — — — — — — — — — — — — — — — — — — — | | Date | | | | - | | |
| | By Whor | n: | | | Via: | 🗌 eMa | il 🗌 | Phone | Fax | In Person | |
| | Regardir | 2 | | | | | | | | | |
| | | structions: | | | | | | | | | |
| 16 | Additional rem | arks: | | | | | | | | | |
| 17. | Cooler Inform | nation | | | | | | | | | |
| | Cooler No 1 | Temp °C 2.0 | Condition Good | Seal Intact Not Present | Seal No | Seal Da | te | Signed E | By | | |

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Page 1 of 1

| HALL ENVIRONMENTAL | Physiconmental.com | | | | | | 1911 | V-ime | 5260 (VG 5270 (Se otal Col | 3 | | | | | | | | | | | e 191 o |
|-----------------------|--|------------|----------|------------------|---------------------------|--|-------------------|------------------------------|--|----------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|--------------|--|-------------------|------------------------------|
| HALL EN | www.hallenvironmental.com 4901 Hawkins NF - Alburuerue MM | | Inal | | s,80c | 1 2808 1.1) 10728 | or 202 8/S9 | sticid Meta Meta | 108:192 2081 Pe 2014 by 2014 by 2014 by 2016 8d | | - | | | | | | | | | BENEON H JOON | |
| | | | | - | | | 1000 | | 1 EIE | | | | | | | | | | | D Rem | |
| Rush 5 DUN | Fritas 27 CTB | | 01417 | | Stattings | | L'Tes DNO | Iding CF): 2.1-0.1-7.0 | Type 7.7.1.04.7 | 5 | 2020 | 1903 | hun | Can S | WC. | 700 | 008 | 1 COU | | ICIUIT | Via: Date Time |
| M Standard | Papas | Project #: | 22E- | Project Manager: | Kent | | # of Coolere: | Cooler Temp(including CF): 7 | Container Pr Type and # Ty | 403 jar | _ | | | | | | | - | | Received by: V | Received by: |
| " VERTLY (DEVON) | r till | 0 | | | Level 4 (Full Validation) | | | | Sample Name | WES22-01 0-2' | WES22-02 0-2' | WES22-12 0-4' | WES 22-17 0-2' | WES22-20 0-2' | WES22-21 0-2' | WES22-30 0-1' | WES22-34 0-2' | WES22-35 24' | | d by: 7 Cartar | 1.1.1.1.44 |
| Client: Vertux (Devon | Mailing Address: $\mathcal{O}_{\mathcal{N}}$ | | Phone #: | email or Fax#: | QA/QC Package: | Accreditation: Accreditation: Accreditation: Action | vpe) | | Date Time Matrix | 10/7 9:45 Soil | 1 9:50 1 | 10:05 | 10:15 | 10:20 | 10:25 | 10:35 | 10:20 | 1 00:11 | | 7 14:50 | Date: Time: Relinquisted by: |



October 24, 2022

Kent Stallings Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040 FAX:

OrderNo.: 2210780

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: Papas Fritas 27 CTB 1

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 21 sample(s) on 10/15/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Date Reported: 10/24/2022

10/17/2022 10:47:19 PM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-86 2' **Project:** Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 1:00:00 PM Lab ID: 2210780-001 Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: mb Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/18/2022 8:32:48 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/18/2022 8:32:48 PM Surr: DNOP 149 21-129 S %Rec 1 10/18/2022 8:32:48 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/17/2022 1:47:53 PM 5.0 mg/Kg 1 Surr: BFB 87.4 37.7-212 %Rec 1 10/17/2022 1:47:53 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 10/17/2022 1:47:53 PM 0.025 mg/Kg 1 Toluene ND 0.050 mg/Kg 1 10/17/2022 1:47:53 PM Ethylbenzene ND 0.050 mg/Kg 1 10/17/2022 1:47:53 PM Xylenes, Total ND mg/Kg 10/17/2022 1:47:53 PM 0.099 1 Surr: 4-Bromofluorobenzene 95.8 70-130 %Rec 1 10/17/2022 1:47:53 PM **EPA METHOD 300.0: ANIONS** Analyst: NAI

ND

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

mg/Kg

20

60

P Sample pH Not In Range

RL Reporting Limit

Page 1 of 28

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-87 2' **Project:** Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 1:05:00 PM Lab ID: 2210780-002 Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: mb Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/18/2022 9:05:14 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/18/2022 9:05:14 PM Surr: DNOP 151 21-129 S %Rec 1 10/18/2022 9:05:14 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/17/2022 2:58:08 PM 4.9 mg/Kg 1 Surr: BFB 87.2 37.7-212 %Rec 1 10/17/2022 2:58:08 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 10/17/2022 2:58:08 PM 0.025 mg/Kg 1 Toluene ND 0.049 mg/Kg 1 10/17/2022 2:58:08 PM Ethylbenzene ND 0.049 mg/Kg 1 10/17/2022 2:58:08 PM Xylenes, Total ND 0.098 mg/Kg 10/17/2022 2:58:08 PM 1 Surr: 4-Bromofluorobenzene 93.2 70-130 %Rec 1 10/17/2022 2:58:08 PM **EPA METHOD 300.0: ANIONS** Analyst: NAI Chloride mg/Kg 10/17/2022 10:59:44 PM ND 60 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

POL

Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference в Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 2 of 28

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-88 2' **Project:** Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 1:10:00 PM Lab ID: 2210780-003 Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: mb **Diesel Range Organics (DRO)** ND 14 mg/Kg 1 10/18/2022 9:16:00 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/18/2022 9:16:00 PM Surr: DNOP 93.1 21-129 %Rec 1 10/18/2022 9:16:00 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/17/2022 4:08:36 PM 4.9 mg/Kg 1 Surr: BFB 87.7 37.7-212 %Rec 1 10/17/2022 4:08:36 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 10/17/2022 4:08:36 PM mg/Kg 1 Toluene ND 0.049 mg/Kg 1 10/17/2022 4:08:36 PM Ethylbenzene ND 0.049 mg/Kg 1 10/17/2022 4:08:36 PM Xylenes, Total ND 0.099 mg/Kg 10/17/2022 4:08:36 PM 1 Surr: 4-Bromofluorobenzene 93.5 70-130 %Rec 1 10/17/2022 4:08:36 PM **EPA METHOD 300.0: ANIONS** Analyst: JTT mg/Kg Chloride 10/17/2022 8:59:34 PM ND 60 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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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EPA METHOD 300.0: ANIONS

Chloride

Analytical Report Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-89 2' **Project:** Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 1:15:00 PM Lab ID: 2210780-004 Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: mb **Diesel Range Organics (DRO)** ND 15 mg/Kg 1 10/18/2022 9:26:44 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 10/18/2022 9:26:44 PM Surr: DNOP 138 21-129 S %Rec 1 10/18/2022 9:26:44 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/17/2022 5:42:59 PM 5.0 mg/Kg 1 Surr: BFB 86.9 37.7-212 %Rec 1 10/17/2022 5:42:59 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 10/17/2022 5:42:59 PM 0.025 mg/Kg 1 Toluene ND 0.050 mg/Kg 1 10/17/2022 5:42:59 PM Ethylbenzene ND 0.050 mg/Kg 1 10/17/2022 5:42:59 PM Xylenes, Total ND mg/Kg 10/17/2022 5:42:59 PM 0.10 1 Surr: 4-Bromofluorobenzene 94.6 70-130 %Rec 1 10/17/2022 5:42:59 PM

ND

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

Qualifiers:

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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

POL

Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference в Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

mg/Kg

20

60

Р Sample pH Not In Range

RL Reporting Limit Page 4 of 28

Analyst: JTT

10/17/2022 10:01:17 PM

Lab ID:

CLIENT: Vertex Resources Services, Inc.

2210780-005

Papas Fritas 27 CTB 1

Analytical Report
Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-91 2' Collection Date: 10/13/2022 1:20:00 PM Received Date: 10/15/2022 8:40:00 AM

| Eub ID : 2210700 005 | Muulim Soll | 1000 | nieu Duiei | 10/10/ | 2022 0.10.00 1101 |
|----------------------------------|-------------|----------|------------|--------|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/18/2022 9:37:27 PM |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/18/2022 9:37:27 PM |
| Surr: DNOP | 101 | 21-129 | %Rec | 1 | 10/18/2022 9:37:27 PM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/17/2022 6:06:27 PM |
| Surr: BFB | 85.7 | 37.7-212 | %Rec | 1 | 10/17/2022 6:06:27 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/17/2022 6:06:27 PM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/17/2022 6:06:27 PM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/17/2022 6:06:27 PM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/17/2022 6:06:27 PM |
| Surr: 4-Bromofluorobenzene | 92.4 | 70-130 | %Rec | 1 | 10/17/2022 6:06:27 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/17/2022 10:38:18 PM |
| | | | | | |

Matrix: SOIL

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report
Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-92 2' Collection Date: 10/13/2022 1:25:00 PM Received Date: 10/15/2022 8:40:00 AM

| Lab ID: 2210780-006 | Matrix: SOIL | Rece | ived Date: | 10/15/ | 2022 8:40:00 AM |
|----------------------------------|--------------|----------|------------|--------|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/18/2022 9:48:09 PM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/18/2022 9:48:09 PM |
| Surr: DNOP | 120 | 21-129 | %Rec | 1 | 10/18/2022 9:48:09 PM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/17/2022 6:29:52 PM |
| Surr: BFB | 86.9 | 37.7-212 | %Rec | 1 | 10/17/2022 6:29:52 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/17/2022 6:29:52 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 6:29:52 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 6:29:52 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/17/2022 6:29:52 PM |
| Surr: 4-Bromofluorobenzene | 95.0 | 70-130 | %Rec | 1 | 10/17/2022 6:29:52 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/17/2022 10:50:38 PM |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

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

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Date Reported: 10/24/2022

10/17/2022 6:53:17 PM

10/17/2022 11:02:59 PM

Analyst: JTT

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-93 2' **Project:** Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 1:30:00 PM Lab ID: 2210780-007 Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: mb **Diesel Range Organics (DRO)** ND 13 mg/Kg 1 10/18/2022 9:58:50 PM Motor Oil Range Organics (MRO) ND 44 mg/Kg 1 10/18/2022 9:58:50 PM Surr: DNOP 89.5 21-129 %Rec 1 10/18/2022 9:58:50 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/17/2022 6:53:17 PM 4.9 mg/Kg 1 Surr: BFB 85.8 37.7-212 %Rec 1 10/17/2022 6:53:17 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 10/17/2022 6:53:17 PM 0.025 mg/Kg 1 Toluene ND 0.049 mg/Kg 1 10/17/2022 6:53:17 PM Ethylbenzene ND 0.049 mg/Kg 1 10/17/2022 6:53:17 PM Xylenes, Total ND 0.099 mg/Kg 10/17/2022 6:53:17 PM 1

93.4

ND

70-130

60

%Rec

mg/Kg

1

20

EPA METHOD 300.0: ANIONS Chloride

Surr: 4-Bromofluorobenzene

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report
Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-94 2' Collection Date: 10/13/2022 1:35:00 PM Received Date: 10/15/2022 8:40:00 AM

| Lab ID: 2210780-008 | Matrix: SOIL | Rece | ived Date: | 10/15/ | 2022 8:40:00 AM |
|---------------------------------|--------------|----------|------------|--------|------------------------|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/18/2022 10:20:02 PM |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/18/2022 10:20:02 PM |
| Surr: DNOP | 95.2 | 21-129 | %Rec | 1 | 10/18/2022 10:20:02 PM |
| EPA METHOD 8015D: GASOLINE RAN | GE | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/17/2022 7:16:49 PM |
| Surr: BFB | 86.0 | 37.7-212 | %Rec | 1 | 10/17/2022 7:16:49 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/17/2022 7:16:49 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 7:16:49 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 7:16:49 PM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/17/2022 7:16:49 PM |
| Surr: 4-Bromofluorobenzene | 93.9 | 70-130 | %Rec | 1 | 10/17/2022 7:16:49 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/17/2022 11:15:20 PM |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

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

Page 8 of 28

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-97 2' **Project:** Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 1:40:00 PM Lab ID: 2210780-009 Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: mb **Diesel Range Organics (DRO)** ND 14 mg/Kg 1 10/18/2022 10:30:41 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/18/2022 10:30:41 PM Surr: DNOP 91.8 21-129 %Rec 1 10/18/2022 10:30:41 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/17/2022 7:40:27 PM 4.8 mg/Kg 1 Surr: BFB 87.4 37.7-212 %Rec 1 10/17/2022 7:40:27 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 10/17/2022 7:40:27 PM mg/Kg 1 Toluene ND 0.048 mg/Kg 1 10/17/2022 7:40:27 PM Ethylbenzene ND 0.048 mg/Kg 1 10/17/2022 7:40:27 PM Xylenes, Total ND 0.096 mg/Kg 10/17/2022 7:40:27 PM 1 Surr: 4-Bromofluorobenzene 95.4 70-130 %Rec 1 10/17/2022 7:40:27 PM **EPA METHOD 300.0: ANIONS** Analyst: JTT mg/Kg Chloride 10/17/2022 11:27:41 PM ND 60 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

POL

Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference в Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 9 of 28

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-98 2' **Project:** Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 1:45:00 PM Lab ID: 2210780-010 Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: mb **Diesel Range Organics (DRO)** ND 14 mg/Kg 1 10/18/2022 10:41:35 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/18/2022 10:41:35 PM Surr: DNOP 97.4 21-129 %Rec 1 10/18/2022 10:41:35 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/17/2022 8:04:05 PM 4.9 mg/Kg 1 Surr: BFB 85.2 37.7-212 %Rec 1 10/17/2022 8:04:05 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 10/17/2022 8:04:05 PM mg/Kg 1 Toluene ND 0.049 mg/Kg 1 10/17/2022 8:04:05 PM Ethylbenzene ND 0.049 mg/Kg 1 10/17/2022 8:04:05 PM Xylenes, Total ND 0.098 mg/Kg 10/17/2022 8:04:05 PM 1 Surr: 4-Bromofluorobenzene 92.3 70-130 %Rec 1 10/17/2022 8:04:05 PM **EPA METHOD 300.0: ANIONS** Analyst: JTT mg/Kg Chloride 10/18/2022 12:04:41 AM ND 60 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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 10 of 28

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-99 2' **Project:** Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 1:50:00 PM Lab ID: 2210780-011 Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: mb **Diesel Range Organics (DRO)** ND 14 mg/Kg 1 10/18/2022 10:52:11 PM Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 10/18/2022 10:52:11 PM Surr: DNOP 88.0 21-129 %Rec 1 10/18/2022 10:52:11 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/17/2022 8:27:40 PM 4.8 mg/Kg 1 Surr: BFB 85.1 37.7-212 %Rec 1 10/17/2022 8:27:40 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 10/17/2022 8:27:40 PM mg/Kg 1 Toluene ND 0.048 mg/Kg 1 10/17/2022 8:27:40 PM Ethylbenzene ND 0.048 mg/Kg 1 10/17/2022 8:27:40 PM Xylenes, Total ND 0.096 mg/Kg 10/17/2022 8:27:40 PM 1 Surr: 4-Bromofluorobenzene 92.8 70-130 %Rec 1 10/17/2022 8:27:40 PM **EPA METHOD 300.0: ANIONS** Analyst: JTT mg/Kg Chloride 10/18/2022 12:17:01 AM ND 60 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

POL

Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference в Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 11 of 28

2210780-012

Project:

Lab ID:

Analyses

Analytical Report Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-100 2' Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 1:55:00 PM Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: mb ND 13 10/18/2022 11:02:46 PM ma/Ka 1

| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/18/2022 11:02:46 PM |
|----------------------------------|------|----------|-------|----|------------------------|
| Motor Oil Range Organics (MRO) | ND | 44 | mg/Kg | 1 | 10/18/2022 11:02:46 PM |
| Surr: DNOP | 95.5 | 21-129 | %Rec | 1 | 10/18/2022 11:02:46 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/17/2022 8:51:15 PM |
| Surr: BFB | 86.0 | 37.7-212 | %Rec | 1 | 10/17/2022 8:51:15 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/17/2022 8:51:15 PM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/17/2022 8:51:15 PM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/17/2022 8:51:15 PM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/17/2022 8:51:15 PM |
| Surr: 4-Bromofluorobenzene | 93.2 | 70-130 | %Rec | 1 | 10/17/2022 8:51:15 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/18/2022 12:29:22 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

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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н Holding times for preparation or analysis exceeded

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-101 4' Collection Date: 10/13/2022 2:00:00 PM Received Date: 10/15/2022 8:40:00 AM

| Lab ID: 2210780-013 | Matrix: SOIL | Rece | ived Date: | 10/15/ | 2022 8:40:00 AM |
|---------------------------------|--------------|----------|------------|--------|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/18/2022 11:13:21 PM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/18/2022 11:13:21 PM |
| Surr: DNOP | 97.7 | 21-129 | %Rec | 1 | 10/18/2022 11:13:21 PM |
| EPA METHOD 8015D: GASOLINE RANG | θE | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/17/2022 9:14:40 PM |
| Surr: BFB | 85.0 | 37.7-212 | %Rec | 1 | 10/17/2022 9:14:40 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/17/2022 9:14:40 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 9:14:40 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 9:14:40 PM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/17/2022 9:14:40 PM |
| Surr: 4-Bromofluorobenzene | 93.0 | 70-130 | %Rec | 1 | 10/17/2022 9:14:40 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/18/2022 12:41:43 AM |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-103 2' Collection Date: 10/13/2022 2:05:00 PM Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM

| Lab ID: 2210780-014 | Matrix: SOIL | Rece | ived Date: | 10/15/ | /2022 8:40:00 AM |
|---------------------------------|--------------|----------|------------|--------|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/18/2022 11:23:54 PM |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/18/2022 11:23:54 PM |
| Surr: DNOP | 102 | 21-129 | %Rec | 1 | 10/18/2022 11:23:54 PM |
| EPA METHOD 8015D: GASOLINE RAN | GE | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/17/2022 10:01:32 PM |
| Surr: BFB | 86.9 | 37.7-212 | %Rec | 1 | 10/17/2022 10:01:32 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/17/2022 10:01:32 PM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/17/2022 10:01:32 PM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/17/2022 10:01:32 PM |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/17/2022 10:01:32 PM |
| Surr: 4-Bromofluorobenzene | 95.3 | 70-130 | %Rec | 1 | 10/17/2022 10:01:32 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 59 | mg/Kg | 20 | 10/18/2022 12:54:03 AM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference S

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

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Lab ID:

Analyses

Surr: DNOP

Analytical Report Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-105 2' Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 2:10:00 PM 2210780-015 Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyst: mb **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Diesel Range Organics (DRO) mg/Kg 10/18/2022 11:34:27 PM ND 15 1 Motor Oil Range Organics (MRO) 10/18/2022 11:34:27 PM ND 49 mg/Kg 1 21-129 96.1 %Rec 1 10/18/2022 11:34:27 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 49 10/17/2022 10:25:08 PM ma/ka 1

| | | 4.5 | ing/itg | | 10/11/2022 10.25.001 10 |
|-----------------------------|------|----------|---------|----|-------------------------|
| Surr: BFB | 85.0 | 37.7-212 | %Rec | 1 | 10/17/2022 10:25:08 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/17/2022 10:25:08 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 10:25:08 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 10:25:08 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/17/2022 10:25:08 PM |
| Surr: 4-Bromofluorobenzene | 92.6 | 70-130 | %Rec | 1 | 10/17/2022 10:25:08 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/18/2022 1:06:25 AM |
| | | | | | |

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

Qualifiers:

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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference S

Analyte detected in the associated Method Blank в

E Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 15 of 28

*

Lab ID:

CLIENT: Vertex Resources Services, Inc.

2210780-016

Papas Fritas 27 CTB 1

Analytical Report Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-107 4'Collection Date: 10/13/2022 2:15:00 PMMatrix: SOILReceived Date: 10/15/2022 8:40:00 AMResultRL Qual UnitsDFDate Analyzed

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/18/2022 11:44:58 PM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/18/2022 11:44:58 PM |
| Surr: DNOP | 98.6 | 21-129 | %Rec | 1 | 10/18/2022 11:44:58 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/17/2022 10:48:43 PM |
| Surr: BFB | 86.0 | 37.7-212 | %Rec | 1 | 10/17/2022 10:48:43 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/17/2022 10:48:43 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 10:48:43 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 10:48:43 PM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/17/2022 10:48:43 PM |
| Surr: 4-Bromofluorobenzene | 93.6 | 70-130 | %Rec | 1 | 10/17/2022 10:48:43 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/18/2022 1:18:45 AM |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-110 2' Collection Date: 10/13/2022 2:20:00 PM Received Date: 10/15/2022 8:40:00 AM

| Lab ID: 2210780-017 | Matrix: SOIL | Recei | ived Date: | 10/15/ | 2022 8:40:00 AM |
|---------------------------------|--------------|----------|------------|--------|------------------------|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/18/2022 11:55:29 PM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/18/2022 11:55:29 PM |
| Surr: DNOP | 94.1 | 21-129 | %Rec | 1 | 10/18/2022 11:55:29 PM |
| EPA METHOD 8015D: GASOLINE RANG | GE | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/17/2022 11:12:11 PM |
| Surr: BFB | 87.0 | 37.7-212 | %Rec | 1 | 10/17/2022 11:12:11 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/17/2022 11:12:11 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 11:12:11 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 11:12:11 PM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/17/2022 11:12:11 PM |
| Surr: 4-Bromofluorobenzene | 95.3 | 70-130 | %Rec | 1 | 10/17/2022 11:12:11 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/18/2022 1:31:06 AM |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Lab ID:

CLIENT: Vertex Resources Services, Inc.

2210780-018

Papas Fritas 27 CTB 1

Analytical Report
Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-111 2' Collection Date: 10/13/2022 2:25:00 PM Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result RL Qual Units DF Date Analyzed CORGANICS Analyst: mk

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/19/2022 12:06:02 AM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/19/2022 12:06:02 AM |
| Surr: DNOP | 88.3 | 21-129 | %Rec | 1 | 10/19/2022 12:06:02 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/17/2022 11:35:40 PM |
| Surr: BFB | 88.2 | 37.7-212 | %Rec | 1 | 10/17/2022 11:35:40 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/17/2022 11:35:40 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 11:35:40 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 11:35:40 PM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/17/2022 11:35:40 PM |
| Surr: 4-Bromofluorobenzene | 95.3 | 70-130 | %Rec | 1 | 10/17/2022 11:35:40 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/18/2022 1:43:26 AM |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

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

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Lab ID:

CLIENT: Vertex Resources Services, Inc.

2210780-019

Papas Fritas 27 CTB 1

Analytical Report Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-112 2'Collection Date: 10/13/2022 2:30:00 PMMatrix: SOILReceived Date: 10/15/2022 8:40:00 AMResultRL Qual UnitsDFDate Analyzed

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|----------------------------------|----------|----------|----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/19/2022 12:16:34 AM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/19/2022 12:16:34 AM |
| Surr: DNOP | 98.2 | 21-129 | %Rec | 1 | 10/19/2022 12:16:34 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/17/2022 11:59:16 PM |
| Surr: BFB | 86.2 | 37.7-212 | %Rec | 1 | 10/17/2022 11:59:16 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/17/2022 11:59:16 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 11:59:16 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/17/2022 11:59:16 PM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/17/2022 11:59:16 PM |
| Surr: 4-Bromofluorobenzene | 93.5 | 70-130 | %Rec | 1 | 10/17/2022 11:59:16 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 61 | mg/Kg | 20 | 10/18/2022 1:55:47 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

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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H Holding times for preparation or analysis exceeded

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB 1

Analytical Report Lab Order 2210780

Date Reported: 10/24/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-113 2' Collection Date: 10/13/2022 2:35:00 PM Received Date: 10/15/2022 8:40:00 AM

| Lab ID: 2210780-020 | Matrix: SOIL | Rece | ived Date: | 10/15/ | 2022 8:40:00 AM |
|---------------------------------|--------------|----------|------------|--------|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/19/2022 12:27:05 AM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/19/2022 12:27:05 AM |
| Surr: DNOP | 101 | 21-129 | %Rec | 1 | 10/19/2022 12:27:05 AM |
| EPA METHOD 8015D: GASOLINE RANG | θE | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/18/2022 12:22:40 AM |
| Surr: BFB | 86.5 | 37.7-212 | %Rec | 1 | 10/18/2022 12:22:40 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/18/2022 12:22:40 AM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/18/2022 12:22:40 AM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/18/2022 12:22:40 AM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/18/2022 12:22:40 AM |
| Surr: 4-Bromofluorobenzene | 93.7 | 70-130 | %Rec | 1 | 10/18/2022 12:22:40 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/18/2022 2:32:49 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

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

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

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H Holding times for preparation or analysis exceeded

Date Reported: 10/24/2022

10/18/2022 8:04:53 PM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-09 1' **Project:** Papas Fritas 27 CTB 1 Collection Date: 10/13/2022 2:45:00 PM Lab ID: 2210780-021 Matrix: SOIL Received Date: 10/15/2022 8:40:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses Analyst: SB EPA METHOD 8015M/D: DIESEL RANGE ORGANICS **Diesel Range Organics (DRO)** ND 15 mg/Kg 1 10/19/2022 11:50:30 AM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 10/19/2022 11:50:30 AM Surr: DNOP 97.4 21-129 %Rec 1 10/19/2022 11:50:30 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 10/18/2022 11:42:00 AM 5.0 mg/Kg 1 Surr: BFB 95.3 37.7-212 %Rec 1 10/18/2022 11:42:00 AM **EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 10/18/2022 11:42:00 AM 0.025 mg/Kg 1 Toluene ND 0.050 mg/Kg 1 10/18/2022 11:42:00 AM Ethylbenzene ND 0.050 mg/Kg 1 10/18/2022 11:42:00 AM Xylenes, Total ND mg/Kg 10/18/2022 11:42:00 AM 0.10 1 Surr: 4-Bromofluorobenzene 105 70-130 %Rec 1 10/18/2022 11:42:00 AM **EPA METHOD 300.0: ANIONS** Analyst: CAS

ND

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

mg/Kg

20

60

P Sample pH Not In Range

RL Reporting Limit

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Released to Imaging: 3/7/2023 9:56:12 AM

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| Client: Project: | | Resources Services, Inc. ritas 27 CTB 1 | | |
|---------------------|------------|--|---|----------|
| Sample ID: | MB-70880 | SampType: mblk | TestCode: EPA Method 300.0: Anions | |
| Client ID: | PBS | Batch ID: 70880 | RunNo: 91872 | |
| Prep Date: | 10/17/2022 | Analysis Date: 10/17/2022 | SeqNo: 3294593 Units: mg/Kg | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLim | nit Qual |
| Chloride | | ND 1.5 | | |
| Sample ID: | LCS-70880 | SampType: Ics | TestCode: EPA Method 300.0: Anions | |
| Client ID: | LCSS | Batch ID: 70880 | RunNo: 91872 | |
| Prep Date: | 10/17/2022 | Analysis Date: 10/17/2022 | SeqNo: 3294594 Units: mg/Kg | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLim | nit Qual |
| Chloride | | 14 1.5 15.00 | 0 93.3 90 110 | |
| Sample ID: | MB-70881 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | |
| Client ID: | PBS | Batch ID: 70881 | RunNo: 91844 | |
| Prep Date: | 10/17/2022 | Analysis Date: 10/17/2022 | SeqNo: 3294715 Units: mg/Kg | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLim | nit Qual |
| Chloride | | ND 1.5 | | |
| Sample ID: | LCS-70881 | SampType: LCS | TestCode: EPA Method 300.0: Anions | |
| Client ID: | LCSS | Batch ID: 70881 | RunNo: 91844 | |
| Prep Date: | 10/17/2022 | Analysis Date: 10/17/2022 | SeqNo: 3294716 Units: mg/Kg | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLim | nit Qual |
| Chloride | | 14 1.5 15.00 | 0 95.2 90 110 | |
| Sample ID: | MB-70907 | SampType: mblk | TestCode: EPA Method 300.0: Anions | |
| Client ID: | PBS | Batch ID: 70907 | RunNo: 91893 | |
| Prep Date: | 10/18/2022 | Analysis Date: 10/18/2022 | SeqNo: 3295883 Units: mg/Kg | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLim | nit Qual |
| Chloride | | ND 1.5 | | |
| Sample ID: | LCS-70907 | SampType: Ics | TestCode: EPA Method 300.0: Anions | |
| Client ID: | LCSS | Batch ID: 70907 | RunNo: 91893 | |
| Prep Date: | 10/18/2022 | Analysis Date: 10/18/2022 | SeqNo: 3295884 Units: mg/Kg | |
| Analyte | | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLim | nit Qual |
| Chloride | | 14 1.5 15.00 | 0 95.3 90 110 | |

Qualifiers:

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

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2210780

24-Oct-22

| Sample ID:LCS-70879SampType:LCSTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:LCSSBatch ID:70879RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3294924Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: DNOP6.05.00012121129129129129121129Sample ID:LCSD-70879SampType:LCSDTestCode:EPA Method 8015M/D:Diesel Range Organics10/18/2022SeqNo:3294925Units:%RecClient ID:LCSD02Batch ID:70879RunNo:918789187891878910001132112900Sample ID:LCSD07679SampType:MBLKTestCode:EPA Method 8015M/D:Diesel Range OrganicsQualSurr: DNOP5.75.00011321129000Sample ID:MB-70879SampType:MBLKTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:PBSBatch ID:70879RunNo:9187891878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3294926Units:%RecAnalyteResultPQLSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQual< | | | |
|---|--|--|--|
| Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3294924 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 6.0 5.000 121 21 129 129 Sample ID: LCSD-70879 SampType: LCSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS02 Batch ID: 70879 RunNo: 91878 Prep Date: 10/17/2022 Analytis Date: 10/18/2022 SeqNo: 3294925 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 5.7 5.000 113 21 129 0 0 Sample ID: MB-70879 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics <t< th=""><th>Sample ID: LCS-70879</th></t<> | Sample ID: LCS-70879 | | |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 6.0 5.000 121 21 129 129 Sample ID: LCSD-70879 SampType: LCSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS02 Batch ID: 70879 RunNo: 91878 Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3294925 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 5.7 5.000 113 21 129 0 0 Sample ID: MB-70879 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PRDLimit Qual SampType: Malysis Date: 10/18/2022 SeqNo: 3294926 Units: %Rec | Client ID: LCSS | | |
| Surr: DNOP6.05.00012121129Sample ID:LCSD-70879SampType:LCSDTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:LCSS02Batch ID:70879RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3294925Units:%RecAnalyteResultPQLSPK valueSPK ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: DNOP5.75.00011321129000Sample ID:MB-70879SampType:MBLKTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:PBSBatch ID:70879RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3294926Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: DNOP1410.0014221129SSSample ID:LCS-70858SampType:LCSTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:LCSSBatch ID:70858RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3295724Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPD | Prep Date: 10/17/2022 | | |
| Sample ID: LCSD-70879 SampType: LCSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS02 Batch ID: 70879 RunNo: 91878 Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3294925 Units: %Rec Analyte Result PQL SPK value SPK Value SPK Value ClowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 5.7 5.000 113 21 129 0 0 Sample ID: MB-70879 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 70879 RunNo: 91878 Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3294926 Units: %Rec Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 14 10.00 142 21 129 <th>Analyte</th> | Analyte | | |
| Client ID:LCSS02Batch ID:70879RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3294925Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: DNOP5.75.00011321129000Sample ID:MB-70879SampType:MBLKTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:PBSBatch ID:70879RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3294926Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: DNOP1410.0014221129SSSample ID:LCS-70858SampType:LCSTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:LCSsBatch ID:70858RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3295724Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)681550.00013564.4127SSSurr: DNOP7.25.000143 <td< th=""><th>Surr: DNOP</th></td<> | Surr: DNOP | | |
| Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3294925Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: DNOP5.75.0001132112900Sample ID:MB-70879SampType:MBLKTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:PBSBatch ID:70879RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3294926Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: DNOP1410.0014221129SSample ID:LCS-70858SampType:LCSTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:LCSsBatch ID:70858RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3295724Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)681550.00013564.4127SSSurr: DNOP7.25.00014321129SS | Sample ID: LCSD-70879 | | |
| AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: DNOP5.75.001132112900Sample ID:MB-70879SampType:MBLKTestCode:EPA Method 8015M/D: Diesel Range OrganicsClient ID:PBSBatch ID:70879RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3294926Units:AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: DNOP1410.0014221129SSample ID:LCS-70858SampType:LCSTestCode:EPA Method 8015M/D: Diesel Range OrganicsClient ID:LCSSBatch ID:70858RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3295724Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)681550.00013564.4127SSSurr: DNOP7.25.00014321129SS | Client ID: LCSS02 | | |
| Surr: DNOP 5.7 5.00 113 21 129 0 0 Sample ID: MB-70879 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 70879 RunNo: 91878 Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3294926 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 14 10.00 142 21 129 S Sample ID: LCS-70858 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 70858 RunNo: 91878 Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3295724 Units: mg/Kg Analyte Result PQL SPK kalue SPK Ref Val %REC | Prep Date: 10/17/2022 | | |
| Sample ID: MB-70879 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 70879 RunNo: 91878 | Analyte | | |
| Client ID: PBS Batch ID: 70879 RunNo: 91878 Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3294926 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 14 10.00 142 21 129 S Sample ID: LCS-70858 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 70858 RunNo: 91878 Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3295724 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) 68 15 50.00 135 64.4 127 S Sur: DNOP 7.2 5.000 143 21 129 S | Surr: DNOP | | |
| Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3294926 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: DNOP 14 10.00 142 21 129 S Sample ID: LCS-70858 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 70858 RunNo: 91878 Units: mg/Kg Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3295724 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) 68 15 50.00 0 135 64.4 127 S Sur: DNOP 7.2 5.000 143 21 129 | Sample ID: MB-70879 | | |
| AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: DNOP1410.0014221129SSample ID:LCS-70858SampType:LCSTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:LCSSBatch ID:70858RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3295724Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)681550.00013564.4127SSSurr: DNOP7.25.00014321129SS | Client ID: PBS | | |
| Surr: DNOP1410.0014221129SSample ID:LCS-70858SampType:LCSTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:LCSSBatch ID:70858RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3295724Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)681550.00013564.4127SSurr: DNOP7.25.00014321129S | Prep Date: 10/17/2022 | | |
| Sample ID:LCSTestCode:EPA Method 8015M/D:Diesel Range OrganicsClient ID:LCSSBatch ID:70858RunNo:91878Prep Date:10/17/2022Analysis Date:10/18/2022SeqNo:3295724Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)681550.00013564.4127SSurr:DNOP7.25.00014321129S | Analyte | | |
| Client ID: LCSS Batch ID: 70858 RunNo: 91878 Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3295724 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) 68 15 50.00 0 135 64.4 127 S Surr: DNOP 7.2 5.000 143 21 129 S | Surr: DNOP | | |
| Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3295724 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Diesel Range Organics (DRO) 68 15 50.00 0 135 64.4 127 S Surr: DNOP 7.2 5.000 143 21 129 S | Sample ID: LCS-70858 | | |
| AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)681550.00013564.4127SSurr: DNOP7.25.00014321129S | Client ID: LCSS | | |
| Diesel Range Organics (DRO) 68 15 50.00 0 135 64.4 127 S Surr: DNOP 7.2 5.000 143 21 129 S | Prep Date: 10/17/2022 | | |
| Surr: DNOP 7.2 5.000 143 21 129 S | | | |
| | Analyte | | |
| | Diesel Range Organics (DRO) | | |
| Sample ID: MB-70858 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics | Diesel Range Organics (DRO) | | |
| Client ID: PBS Batch ID: 70858 RunNo: 91878 | Diesel Range Organics (DRO) | | |
| Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3295728 Units: mg/Kg | Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-70858 | | |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-70858 Client ID: PBS | | |
| Diesel Range Organics (DRO) ND 15 | Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-70858 Client ID: PBS Prep Date: 10/17/2022 | | |
| | Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-70858 Client ID: PBS Prep Date: 10/17/2022 Analyte Diesel Range Organics (DRO) | | |
| | Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-70858 Client ID: PBS Prep Date: 10/17/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) | | |
| | Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-70858 Client ID: PBS Prep Date: 10/17/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP | | |
| | Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-70858 Client ID: PBS Prep Date: 10/17/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: 2210780-001AMS | | |
| | Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-70858 Client ID: PBS Prep Date: 10/17/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: 2210780-001AMS Client ID: BES22-86 2' | | |
| AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualDiesel Range Organics (DRO)431445.96093.636.1154 | Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-70858 Client ID: PBS Prep Date: 10/17/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: 2210780-001AMS Client ID: BES22-86 2' Prep Date: 10/17/2022 | | |
| Surr: DNOP 4.5 4.596 98.9 21 129 | Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-70858 Client ID: PBS Prep Date: 10/17/2022 Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: 2210780-001AMS Client ID: BES22-86 2' Prep Date: 10/17/2022 Analyte | | |

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 interference S
- Analyte detected in the associated Method Blank В
- Е Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

2210780

24-Oct-22

| Client: | Vertex Re | | | Inc. | | | | | | | | |
|-----------------|-----------------------------------|---|---|-----------|---|--------------|----------|---------------------|------|----------|------|--|
| Project: | Papas Frit | as 27 CTE | 8 1 | | | | | | | | | |
| Sample ID: | 2210780-001AMSD | SD. | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | | |
| Client ID: | BES22-86 2' | Batch ID: 70858 | | | RunNo: 91878 | | | | | | | |
| Prep Date: | 10/17/2022 | Analysis Date: 10/18/2022 | | | SeqNo: 3296141 | | | Units: mg/Kg | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range C | rganics (DRO) | 45 | 14 | 45.13 | 0 | 99.0 | 36.1 | 154 | 3.78 | 33.9 | | |
| Surr: DNOP | | 4.6 | | 4.513 | | 103 | 21 | 129 | 0 | 0 | | |
| Sample ID: | MB-70909 | SampT | ype: ME | BLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
| Client ID: | PBS Batch ID: 70909 | | | | RunNo: 91929 | | | | | | | |
| Prep Date: | 10/18/2022 | Analysis Date: 10/19/2022 | | | SeqNo: 3297767 | | | Units: mg/Kg | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range C | Organics (DRO) | ND | 15 | | | | | | | | | |
| Motor Oil Range | e Organics (MRO) | ND | 50 | | | | | | | | | |
| Surr: DNOP | | 10 | | 10.00 | | 102 | 21 | 129 | | | | |
| Sample ID: | LCS-70909 | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | | | |
| Client ID: | Client ID: LCSS | | Batch ID: 70909 | | | RunNo: 91929 | | | | | | |
| Prep Date: | 10/18/2022 | Analysis Date: 10/19/2022 | | | SeqNo: 3297768 | | | Units: mg/Kg | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range C | organics (DRO) | 52 | 15 | 50.00 | 0 | 105 | 64.4 | 127 | | | | |
| Surr: DNOP | | 5.1 | | 5.000 | | 102 | 21 | 129 | | | | |

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

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| Project: Papas Fritas 27 CTB 1 Sample ID: mb-70851 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293599 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 840 1000 83.9 37.7 212 Sample ID: Iccs-70851 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293600 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) <th>Sample ID: mb-70851 Client ID: PBS Prep Date: 10/15/2022 Analyte</th> | Sample ID: mb-70851 Client ID: PBS Prep Date: 10/15/2022 Analyte |
|---|---|
| Client ID: PBS Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293599 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 840 1000 83.9 37.7 212 Sample ID: Ics-70851 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293600 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 25 5.0 25.00 0 99.3 72.3 137 < | Client ID: PBS Prep Date: 10/15/2022 Analyte |
| Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo:: 3293599 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) ND 5.0 | Prep Date: 10/15/2022 Analyte |
| AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualGasoline Range Organics (GRO)ND5.0Surr: BFB840100083.937.7212Sample ID:Ics-70851SampType:LCSTestCode:EPA Method 8015D:Gasoline RangeClient ID:LCSSBatch ID:70851RunNo:91849Prep Date:10/15/2022Analysis Date:10/17/2022SeqNo:3293600Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualGasoline Range Organics (GRO)255.025.00099.372.313737.7212Sample ID:2210780-001amsSampType:MSTestCode:EPA Method 8015D:Gasoline RangeClient ID:BES22-86 2'Batch ID:70851RunNo:91849Prep Date:10/15/2022Analysis Date:10/17/2022SeqNo:3293602Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualGasoline Range Organics (GRO)244.924.65098.87013030 | Analyte |
| Gasoline Range Organics (GR0) ND 5.0 Surr: BFB 840 1000 83.9 37.7 212 Sample ID: Ics-70851 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293600 Units: mg/Kg Analyte Result PQL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GR0) 25 5.0 25.00 0 99.3 72.3 137 Surr: BFB 1800 1000 185 37.7 212 210 Sample ID: 2210780-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BES22-86 2' Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 | |
| Surr: BFB 840 1000 83.9 37.7 212 Sample ID: Ics-70851 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293600 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 25 5.0 25.00 0 99.3 72.3 137 Surr: BFB 1800 1000 185 37.7 212 212 Sample ID: 2210780-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BES22-86 2' Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293602 Units: | |
| Client ID: LCSS Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293600 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 25 5.0 25.00 0 99.3 72.3 137 Surr: BFB 1800 1000 185 37.7 212 210780-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BES22-86 2' Batch ID: 70851 RunNo: 91849 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293602 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 4.9 24.65 0 98.8 70 130 130 <td>č č ()</td> | č č () |
| Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo:: 3293600 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 25 5.0 25.00 0 99.3 72.3 137 Surr: BFB 1800 1000 185 37.7 212 Velocitie HighLimit %RPD RPDLimit Qual Sample ID: 2210780-001ams SampType: Msst TestCode: EPA Method 8015D: Gasoline Range Velocitie HighLimit %Resc Velocitie | Sample ID: Ics-70851 |
| AnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualGasoline Range Organics (GRO)255.025.00099.372.3137Surr: BFB1800100018537.7212Sample ID:2210780-001amsSampType: MSTestCode: EPA Method 8015D: Gasoline RangeClient ID:BES22-86 2'Batch ID:70851RunNo:91849Prep Date:10/15/2022Analysis Date:10/17/2022SeqNo:3293602Units:mg/KgAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualGasoline Range Organics (GRO)244.924.65098.870130130130 | Client ID: LCSS |
| Gasoline Range Organics (GRO) 25 5.0 25.00 0 99.3 72.3 137 Surr: BFB 1800 1000 185 37.7 212 Sample ID: 2210780-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BES22-86 2' Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293602 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 4.9 24.65 0 98.8 70 130 | Prep Date: 10/15/2022 |
| Surr: BFB 1800 1000 185 37.7 212 Sample ID: 2210780-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BES22-86 2' Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293602 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 4.9 24.65 0 98.8 70 130 | Analyte |
| Sample ID: 2210780-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: BES22-86 2' Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293602 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 4.9 24.65 0 98.8 70 130 | |
| Client ID: BES22-86 2' Batch ID: 70851 RunNo: 91849 Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293602 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 4.9 24.65 0 98.8 70 130 | Surr: BFB |
| Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293602 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 4.9 24.65 0 98.8 70 130 130 | Sample ID: 2210780-001an |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 24 4.9 24.65 0 98.8 70 130 | Client ID: BES22-86 2' |
| Gasoline Range Organics (GRO) 24 4.9 24.65 0 98.8 70 130 | Prep Date: 10/15/2022 |
| | Analyte |
| Surr BFB 1900 986.2 189 37.7 212 | ••• |
| | Surr: BFB |
| Sample ID: 2210780-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range | Sample ID: 2210780-001an |
| Client ID: BES22-86 2' Batch ID: 70851 RunNo: 91849 | Client ID: BES22-86 2' |
| Prep Date: 10/15/2022 Analysis Date: 10/17/2022 SeqNo: 3293603 Units: mg/Kg | Prep Date: 10/15/2022 |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | |
| Gasoline Range Organics (GRO) 23 4.9 24.63 0 93.9 70 130 5.25 20 | |
| Surr: BFB 1800 985.2 186 37.7 212 0 0 | Surr: BFB |
| Sample ID: Ics-70872 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range | Sample ID: Ics-70872 |
| Client ID: LCSS Batch ID: 70872 RunNo: 91908 | Client ID: LCSS |
| Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3296480 Units: mg/Kg | Prep Date: 10/17/2022 |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | Appleto |
| Gasoline Range Organics (GRO) 20 5.0 25.00 0 80.3 72.3 137 | Analyte |
| Surr: BFB 2000 1000 203 37.7 212 | Gasoline Range Organics (GRO) |
| Sample ID: mb-70872 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range | |
| Client ID: PBS Batch ID: 70872 RunNo: 91908 | Gasoline Range Organics (GRO) Surr: BFB |
| Prep Date: 10/17/2022 Analysis Date: 10/18/2022 SeqNo: 3296481 Units: mg/Kg | Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-70872 |
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | Gasoline Range Organics (GRO) Surr: BFB Sample ID: mb-70872 Client ID: PBS |

Qualifiers:

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

ND Not Detected at the Reporting Limit

- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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WO#:

| Client: Project: | | sources Ser as 27 CTB | | Inc. | | | | | | | |
|----------------------------|---|--|--------|-----------|---------------------|-------------------|-----------|-------------|------------|----------|------|
| Sample ID: | L | OB72 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | | |
| Client ID: | PBS | Batch | | | RunNo: 91908 | | | | | | |
| Prep Date: | 10/17/2022 | Analysis Da | te: 10 | /18/2022 | S | SeqNo: 32 | 296481 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang Surr: BFB | e Organics (GRO) | ND 980 | 5.0 | 1000 | | 97.6 | 37.7 | 212 | | | |
| Sample ID: | nple ID: 2210780-021ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | | | |
| Client ID: | WES22-09 1' | Batch | D: 70 | 372 | F | RunNo: 91 | 1908 | | | | |
| Prep Date: | 10/17/2022 | Analysis Da | te: 10 | /18/2022 | S | SeqNo: 32 | 296483 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 21 | 5.0 | 24.85 | 0 | 86.4 | 70 | 130 | | | |
| Surr: BFB | | 2100 | | 994.0 | | 211 | 37.7 | 212 | | | |
| Sample ID: | 2210780-021amsd | SampTy | pe: MS | SD. | Tes | tCode: EF | PA Method | 8015D: Gaso | line Range | | |
| Client ID: | WES22-09 1' | Batch | D: 70 | 372 | F | RunNo: 9 1 | 1908 | | | | |
| Prep Date: | 10/17/2022 | Analysis Da | te: 10 | /18/2022 | S | SeqNo: 32 | 296484 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 22 | 5.0 | 24.78 | 0 | 87.1 | 70 | 130 | 0.486 | 20 | |
| Surr: BFB | | 2100 | | 991.1 | | 214 | 37.7 | 212 | 0 | 0 | S |

Qualifiers:

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

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WO#:

| | x Resources S Fritas 27 CT | , | Inc. | | | | | | | |
|--|--|--|--|---|--|---|--|--|----------------------------|------|
| Sample ID: mb-70851 | | Туре: МЕ | N K | Tes | tCode: F | A Method | 8021B: Volati | iles | | |
| Client ID: PBS | | h ID: 708 | | | RunNo: 9 1 | | 002121 Volut | | | |
| Prep Date: 10/15/2022 | Analysis | | | | SeqNo: 32 | | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | Ū | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 1.000 | | 92.2 | 70 | 130 | | | |
| Sample ID: LCS-70851 | Samp | Type: LC | S | Tes | tCode: EF | A Method | 8021B: Volati | iles | | |
| Client ID: LCSS | Bato | h ID: 708 | 351 | F | RunNo: 9 1 | 849 | | | | |
| Prep Date: 10/15/2022 | Analysis | Date: 10 | /17/2022 | S | SeqNo: 32 | 293646 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.92 | 0.025 | 1.000 | 0 | 91.8 | 80 | 120 | | | |
| Toluene | 0.94 | 0.050 | 1.000 | 0 | 94.2 | 80 | 120 | | | |
| Ethylbenzene | 0.95 | 0.050 | 1.000 | 0 | 95.2 | 80 | 120 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 93.7 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.96 | | 1.000 | | 96.1 | 70 | 130 | | | |
| Sample ID: 2210780-002an | ns Samp | Туре: МS | 5 | Tes | tCode: EF | PA Method | 8021B: Volati | iles | | |
| Client ID: BES22-87 2' | | h ID: 708 | 351 | F | RunNo: 91 | 849 | | | | |
| BLOLL OF L | Bato | | | | | | | | | |
| Prep Date: 10/15/2022 | Batc Analysis | | | | SeqNo: 32 | 293649 | Units: mg/K | g | | |
| | | | | | SeqNo: 32 %REC | 293649 LowLimit | Units: mg/K HighLimit | g %RPD | RPDLimit | Qual |
| Prep Date: 10/15/2022 Analyte | Analysis | Date: 10 | /17/2022 | S | • | | _ | - | RPDLimit | Qual |
| Prep Date: 10/15/2022 Analyte Benzene | Analysis Result | Date: 10 PQL | / 17/2022 SPK value | SPK Ref Val | %REC | LowLimit 68.8 73.6 | HighLimit | - | RPDLimit | Qual |
| Prep Date: 10/15/2022 Analyte Benzene Toluene | Analysis Result 0.90 0.94 0.95 | Date: 10 PQL 0.025 | 0/17/2022 SPK value 0.9804 | SPK Ref Val | %REC 92.1 | LowLimit 68.8 73.6 72.7 | HighLimit 120 | - | RPDLimit | Qual |
| Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene | Analysis Result 0.90 0.94 | Date: 10 PQL 0.025 0.049 | SPK value 0.9804 0.9804 | SPK Ref Val 0 0.01249 | %REC 92.1 94.8 | LowLimit 68.8 73.6 | HighLimit 120 124 | - | RPDLimit | Qual |
| Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene | Analysis Result 0.90 0.94 0.95 | Date: 10 PQL 0.025 0.049 0.049 | /17/2022 SPK value 0.9804 0.9804 0.9804 | SPK Ref Val 0 0.01249 0 | %REC 92.1 94.8 97.1 | LowLimit 68.8 73.6 72.7 | HighLimit 120 124 129 | - | RPDLimit | Qual |
| Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total | Analysis Result 0.90 0.94 0.95 2.9 0.93 | Date: 10 PQL 0.025 0.049 0.049 | /17/2022 SPK value 0.9804 0.9804 0.9804 2.941 0.9804 | SPK Ref Val 0 0.01249 0 0.01849 | %REC 92.1 94.8 97.1 96.9 95.3 | LowLimit 68.8 73.6 72.7 75.7 70 | HighLimit 120 124 129 126 | %RPD | RPDLimit | Qual |
| Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene | Analysis Result 0.90 0.94 0.95 2.9 0.93 msd Samp | Date: 10 PQL 0.025 0.049 0.049 0.098 | /17/2022 SPK value 0.9804 0.9804 0.9804 2.941 0.9804 | SPK Ref Val 0 0.01249 0 0.01849 Tes | %REC 92.1 94.8 97.1 96.9 95.3 | LowLimit 68.8 73.6 72.7 75.7 70 24 Method | HighLimit 120 124 129 126 130 | %RPD | RPDLimit | Qual |
| Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2210780-002an | Analysis Result 0.90 0.94 0.95 2.9 0.93 msd Samp | Date: 10 PQL 0.025 0.049 0.049 0.098 Type: MS h ID: 708 | /17/2022 SPK value 0.9804 0.9804 0.9804 2.941 0.9804 5D 351 | SPK Ref Val 0 0.01249 0 0.01849 Tes F | %REC 92.1 94.8 97.1 96.9 95.3 tCode: EF | LowLimit 68.8 73.6 72.7 75.7 70 PA Method 849 | HighLimit 120 124 129 126 130 | %RPD | RPDLimit | Qual |
| Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2210780-002an Client ID: BES22-87 2' Prep Date: 10/15/2022 Analyte | Analysis I Result 0.90 0.94 0.95 2.9 0.93 nsd Samp Bato Analysis I Result | Date: 10 PQL 0.025 0.049 0.049 0.098 Type: MS h ID: 708 Date: 10 PQL | /17/2022 SPK value 0.9804 0.9804 2.941 0.9804 351 351 /17/2022 SPK value | SPK Ref Val 0 0.01249 0 0.01849 Tes F SPK Ref Val | %REC 92.1 94.8 97.1 96.9 95.3 tCode: EF RunNo: 91 SeqNo: 32 %REC | LowLimit 68.8 73.6 72.7 75.7 70 24 Method 849 293650 LowLimit | HighLimit 120 124 129 126 130 8021B: Volati Units: mg/K HighLimit | %RPD | RPDLimit | Qual |
| Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2210780-002an Client ID: BES22-87 2' Prep Date: 10/15/2022 Analyte Benzene | Analysis Result 0.90 0.94 0.95 2.9 0.93 msd Samp Bato Analysis Result 0.94 | Date: 10 PQL 0.025 0.049 0.049 0.098 Type: MS h ID: 708 Date: 10 PQL 0.025 | /17/2022 SPK value 0.9804 0.9804 0.9804 2.941 0.9804 50 351 /17/2022 SPK value 0.9872 | SPK Ref Val 0 0.01249 0 0.01849 Tes F SPK Ref Val 0 | %REC 92.1 94.8 97.1 96.9 95.3 tCode: EF RunNo: 91 SeqNo: 32 %REC 95.4 | LowLimit 68.8 73.6 72.7 75.7 70 PA Method 849 293650 LowLimit 68.8 | HighLimit 120 124 129 126 130 8021B: Volati Units: mg/K HighLimit 120 | %RPD iles 59 %RPD 4.22 | RPDLimit 20 | |
| Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2210780-002an Client ID: BES22-87 2' Prep Date: 10/15/2022 Analyte Benzene Toluene | Analysis Result 0.90 0.94 0.95 2.9 0.93 msd Samp Batc Analysis Result 0.94 0.98 | Date: 10 PQL 0.025 0.049 0.098 Type: MS h ID: 708 Date: 10 PQL 0.025 0.049 | /17/2022 SPK value 0.9804 0.9804 2.941 0.9804 5D 551 /17/2022 SPK value 0.9872 0.9872 0.9872 | SPK Ref Val 0 0.01249 0 0.01849 Tes F SPK Ref Val 0 0.01249 | %REC 92.1 94.8 97.1 96.9 95.3 tCode: EF RunNo: 91 SeqNo: 32 %REC 95.4 98.4 | LowLimit 68.8 73.6 72.7 75.7 70 PA Method 849 293650 LowLimit 68.8 73.6 | HighLimit 120 124 129 126 130 8021B: Volati Units: mg/K HighLimit 120 124 | %RPD iles %RPD 4.22 4.33 | RPDLimit 20 20 | |
| Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2210780-002an Client ID: BES22-87 2' Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene | Analysis Result 0.90 0.94 0.95 2.9 0.93 msd Samp Bato Analysis Result 0.94 0.98 1.0 | Date: 10 PQL 0.025 0.049 0.098 Type: MS h ID: 708 Date: 10 PQL 0.025 0.049 0.049 0.049 | /17/2022 SPK value 0.9804 0.9804 2.941 0.9804 5D 551 /17/2022 SPK value 0.9872 0.9872 0.9872 0.9872 | SPK Ref Val 0 0.01249 0 0.01849 Tes 5 SPK Ref Val 0 0.01249 0 | %REC 92.1 94.8 97.1 96.9 95.3 tCode: EF RunNo: 91 SeqNo: 32 %REC 95.4 98.4 102 | LowLimit 68.8 73.6 72.7 75.7 70 PA Method 849 293650 LowLimit 68.8 73.6 72.7 | HighLimit 120 124 129 126 130 8021B: Volati Units: mg/K HighLimit 120 124 129 | %RPD iles 6g %RPD 4.22 4.33 5.49 | RPDLimit 20 20 20 | |
| Prep Date: 10/15/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2210780-002an Client ID: BES22-87 2' Prep Date: 10/15/2022 Analyte Benzene | Analysis Result 0.90 0.94 0.95 2.9 0.93 msd Samp Batc Analysis Result 0.94 0.98 | Date: 10 PQL 0.025 0.049 0.098 Type: MS h ID: 708 Date: 10 PQL 0.025 0.049 | /17/2022 SPK value 0.9804 0.9804 2.941 0.9804 5D 551 /17/2022 SPK value 0.9872 0.9872 0.9872 | SPK Ref Val 0 0.01249 0 0.01849 Tes F SPK Ref Val 0 0.01249 | %REC 92.1 94.8 97.1 96.9 95.3 tCode: EF RunNo: 91 SeqNo: 32 %REC 95.4 98.4 | LowLimit 68.8 73.6 72.7 75.7 70 PA Method 849 293650 LowLimit 68.8 73.6 | HighLimit 120 124 129 126 130 8021B: Volati Units: mg/K HighLimit 120 124 | %RPD iles %RPD 4.22 4.33 | RPDLimit 20 20 | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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| Client: | Vertex Resources | Services, | Inc. | | | | | | | |
|------------------------|---|-----------------------------|-----------|-------------|------------------|-----------|---------------|------|----------|------|
| Project: | Papas Fritas 27 C | TB 1 | | | | | | | | |
| Sample ID: Ics-7087 | e ID: Ics-70872 SampType: LCS TestCode: EPA Method 8021B: Volatiles | | | | | | | | | |
| Client ID: LCSS | Ba | atch ID: 70872 RunNo: 91908 | | | | | | | | |
| Prep Date: 10/17/2 | Analysi | s Date: 10 |)/18/2022 | Ś | SeqNo: 32 | 296544 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.025 | 1.000 | 0 | 109 | 80 | 120 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 111 | 80 | 120 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 112 | 80 | 120 | | | |
| Xylenes, Total | 3.3 | 0.10 | 3.000 | 0 | 109 | 80 | 120 | | | |
| Surr: 4-Bromofluoroben | zene 1.1 | | 1.000 | | 106 | 70 | 130 | | | |
| Sample ID: mb-7087 | '2 Sam | npType: ME | BLK | Tes | tCode: EF | PA Method | 8021B: Volati | les | | |
| Client ID: PBS | Ba | atch ID: 70 | 872 | F | RunNo: 91 | 908 | | | | |
| Prep Date: 10/17/2 | Analysi | s Date: 10 |)/18/2022 | Ş | SeqNo: 32 | 296545 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluoroben | zene 1.1 | | 1.000 | | 107 | 70 | 130 | | | |

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

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2210780

24-Oct-22

WO#:

| Received by | OCD: | 12/2/2022 | 2:02:23 PM |
|-------------|------|-----------|------------|
|-------------|------|-----------|------------|

| HALL ENVIRONMENTAL ANALYSIS LABORATORY | A TEL: 505-345-39 Website: www. | 490. Ibuquerqu 75 FAX: . | l Hawki ue, NM 8 505-345 | ns NE 87109 S -4107 | an | nple Log-In Ch | eck List |
|--|---------------------------------------|--------------------------------|--------------------------------|----------------------------------|-----|--------------------------------|------------------|
| Client Name: Vertex Resources Services, Inc. | Work Order Numb | er: 2210 | 780 | | | RcptNo: 1 | |
| Received By: Cheyenne Cason 10 | /15/2022 8:40:00 | AM | | Chul Chul | - | | |
| Completed By: Cheyenne Cason 10 | /15/2022 9:24:07 | AM | | Chul | - | | |
| Reviewed By: (10/15/2022 | | | | | | | |
| Chain of Custody | | | | | d. | | |
| . Is Chain of Custody complete? | | Yes | ~ | No | | Not Present | |
| 2. How was the sample delivered? | | Cour | ier | er | | | |
| <u>Log In</u> 3. Was an attempt made to cool the samples? | | Yes | | No | | | |
| Were all samples received at a temperature of > | 0° C to 6.0°C | Yes | • | No | | | |
| 5. Sample(s) in proper container(s)? | | Yes | • | No | | | |
| Sufficient sample volume for indicated test(s)? | | Yes | ~ | No [| | | |
| Are samples (except VOA and ONG) properly pro | eserved? | Yes | ~ | No [| | | |
| . Was preservative added to bottles? | | Yes | | No | ~ | NA 🗌 | |
| 9. Received at least 1 vial with headspace <1/4" for | AQ VOA? | Yes | | No [| | NA 🗹 | / |
| 0. Were any sample containers received broken? | | Yes | | No | ~ | # of preserved bottles checked | |
| 1. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | | Yes | | No | | for pH: (<2 or s | 12 unless noted) |
| Are matrices correctly identified on Chain of Cus | tody? | Yes | | No | _ | Adjusted? | |
| 3. Is it clear what analyses were requested? | | | ~ | 0.00 | | | Infida |
| Were all holding times able to be met? (If no, notify customer for authorization.) | | Yes | ~ | No | | Checked by: | n 10/15/22 |
| pecial Handling (if applicable) | | | | | | (| |
| 5. Was client notified of all discrepancies with this | order? | Yes | | No | | NA 🔽 | |
| Person Notified: | Date: | 1 | | | - | | |
| By Whom: | Via: | eM | ail 🗌 | Phone | Fax | In Person | |
| Regarding: | | | | | - | | |
| Client Instructions: | | | | | | | |
| 6. Additional remarks: | | | | | | | |
| 17. <u>Cooler Information</u> Cooler No Temp ºC Condition Seal 1 1.1 Good Not Pro | a state part of the state of the | Seal D | ate | Signed E | Зу | | |

ir ir read

Page 1 of 1

K

| ived by OCD: 12/2/2021 | | | | | | 1:55 $2522-100$ $2'$ 012 1012 1012 Time: Relinquished by: Received by: Via: Date Time Remarks: $C: C: CAGACE$ $2iXOD$ 000 000 012 012 012 012 012 000 000 012 012 012 012 000 000 012 012 012 012 000 000 0100 0100 000 0100 |
|--|--|-------|--|--|--|--|
| HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analvsis Request | TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's PAHs by 8310 or 8270SIMS RCRA 8 Metals (J, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent) | | | | | Remarks: CC! CHANCE DIXON DITECT BIN DEVON |
| I urn-Around Time: <i>Z</i> -Day Standard Rush Project Name: Pa Pas Fri ±as 27 CTB 1 Project #: 22 E-01 417 | Project Manager: \mathcal{KCht} Staulings Sampler: \mathcal{LO} \mathcal{LO} \mathcal{LO} \mathcal{LCht} Staulings Sampler: \mathcal{LO} \mathcal{LO} \mathcal{LO} \mathcal{LO} Cooler Templineture \mathcal{LO} \mathcal{LO} \mathcal{LO} Type and # Type \mathcal{LO} \mathcal{LO} \mathcal{LO} | I 001 | cos cort | CU5 COC | 008 009 010 010 | ate Time All ACO Pate Time |
| Client: Client: Mailing Address: Phone #: | - Fax#: Package: dard Level 4 (Full Validation) tation: Az Compliance AC Other (Type) Time Matrix Sample Name | 1212 | 1:10 BESZZ-88 Z ¹ 1:15 BESZZ-89 Z ¹ | 1:20 BESZZ-91 2' 1:25 BESZZ-92 2' 1:30 BESZZ-93 2' | 1:35 86522-94 2' 1:40 85522-97 2' 1:45 85522-98 2' 1:50 85522-99 2' | Relinquished by: Relinquished by: Relinquished by: Relinquished by: |

nomination inay be subcontracted to other accredited laboratories. Alls serves as

R 8



October 27, 2022

Kent Stallings Devon Energy 6488 Seven Rivers Highway Artesia, NM 88210 TEL: (505) 350-1336 FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2210837

RE: Papas Fritas 27 CTB1

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 37 sample(s) on 10/18/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Papas Fritas 27 CTB1

Project:

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-48 2.5' Collection Date: 10/14/2022 12:00:00 PM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-001 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | |
|----------------------------------|--------------|--------------------------------------|---------|----|------------------------|--|--|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB | | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/20/2022 1:30:33 AM | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/20/2022 1:30:33 AM | | |
| Surr: DNOP | 104 | 21-129 | %Rec | 1 | 10/20/2022 1:30:33 AM | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/19/2022 11:41:00 AM | | |
| Surr: BFB | 96.4 | 37.7-212 | %Rec | 1 | 10/19/2022 11:41:00 AM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 11:41:00 AM | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 11:41:00 AM | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 11:41:00 AM | | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/19/2022 11:41:00 AM | | |
| Surr: 4-Bromofluorobenzene | 109 | 70-130 | %Rec | 1 | 10/19/2022 11:41:00 AM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/19/2022 10:33:41 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 standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value E
- T Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Project:

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837 Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-49 2.5' Collection Date: 10/14/2022 12:05:00 PM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-002 | Matrix: SOILReceived Date: | | | : 10/18/2022 7:30:00 AM | | | |
|------------------------------------|----------------------------|----------|---------|-------------------------|------------------------|--|--|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL RANGE C | RGANICS | | | | Analyst: SB | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 2:10:54 AM | | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/20/2022 2:10:54 AM | | |
| Surr: DNOP | 89.9 | 21-129 | %Rec | 1 | 10/20/2022 2:10:54 AM | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM | | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/19/2022 12:40:00 PM | | |
| Surr: BFB | 95.3 | 37.7-212 | %Rec | 1 | 10/19/2022 12:40:00 PM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/19/2022 12:40:00 PM | | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/19/2022 12:40:00 PM | | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/19/2022 12:40:00 PM | | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/19/2022 12:40:00 PM | | |
| Surr: 4-Bromofluorobenzene | 108 | 70-130 | %Rec | 1 | 10/19/2022 12:40:00 PM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/19/2022 10:46:06 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 standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value E
- T Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Papas Fritas 27 CTB1

Project:

Analytical Report Lab Order 2210837 Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-50 2.5' Collection Date: 10/14/2022 12:10:00 PM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-003 | Matrix: SOIL | Rece | 2022 7:30:00 AM | | |
|----------------------------------|--------------|----------|-----------------|----|------------------------|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 2:24:21 AM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/20/2022 2:24:21 AM |
| Surr: DNOP | 103 | 21-129 | %Rec | 1 | 10/20/2022 2:24:21 AM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/19/2022 1:39:00 PM |
| Surr: BFB | 92.3 | 37.7-212 | %Rec | 1 | 10/19/2022 1:39:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/19/2022 1:39:00 PM |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/19/2022 1:39:00 PM |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/19/2022 1:39:00 PM |
| Xylenes, Total | ND | 0.092 | mg/Kg | 1 | 10/19/2022 1:39:00 PM |
| Surr: 4-Bromofluorobenzene | 105 | 70-130 | %Rec | 1 | 10/19/2022 1:39:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/19/2022 11:23:19 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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

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

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Project: Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210837

10/20/2022 12:25:21 AM

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-51 2.5' Collection Date: 10/14/2022 12:15:00 PM

| Lab ID: 2210837-004 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | | |
|--------------------------------|--------------|--------------------------------------|----------|----|-----------------------|--|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RAM | IGE ORGANICS | | | | Analyst: SB | | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 2:37:41 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/20/2022 2:37:41 AM | | | |
| Surr: DNOP | 105 | 21-129 | %Rec | 1 | 10/20/2022 2:37:41 AM | | | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/19/2022 1:58:00 PM | | | |
| Surr: BFB | 91.3 | 37.7-212 | %Rec | 1 | 10/19/2022 1:58:00 PM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 1:58:00 PM | | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 1:58:00 PM | | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 1:58:00 PM | | | |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/19/2022 1:58:00 PM | | | |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/19/2022 1:58:00 PM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | | | |

ND

60

mg/Kg

20

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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Project: Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-52 2.5' Collection Date: 10/14/2022 12:20:00 PM

| Lab ID: 2210837-005 | Matrix: SOIL | Rec | Received Date: 10/18/2022 7:30:00 AM | | | | |
|--------------------------------|--------------|----------|---|----|------------------------|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL RAN | IGE ORGANICS | | | | Analyst: SB | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 2:51:04 AM | | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/20/2022 2:51:04 AM | | |
| Surr: DNOP | 105 | 21-129 | %Rec | 1 | 10/20/2022 2:51:04 AM | | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/19/2022 2:18:00 PM | | |
| Surr: BFB | 97.0 | 37.7-212 | %Rec | 1 | 10/19/2022 2:18:00 PM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 2:18:00 PM | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 2:18:00 PM | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 2:18:00 PM | | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/19/2022 2:18:00 PM | | |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/19/2022 2:18:00 PM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 12:37:45 AM | | |

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

Qualifiers:

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

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Project:

Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-53 2.5' Collection Date: 10/14/2022 12:25:00 PM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-006 | Matrix: SOIL | Recei | 2022 7:30:00 AM | | |
|----------------------------------|--------------|----------|-----------------|----|------------------------|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/20/2022 3:04:18 AM |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/20/2022 3:04:18 AM |
| Surr: DNOP | 105 | 21-129 | %Rec | 1 | 10/20/2022 3:04:18 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/19/2022 2:38:00 PM |
| Surr: BFB | 95.2 | 37.7-212 | %Rec | 1 | 10/19/2022 2:38:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 2:38:00 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 2:38:00 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 2:38:00 PM |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/19/2022 2:38:00 PM |
| Surr: 4-Bromofluorobenzene | 109 | 70-130 | %Rec | 1 | 10/19/2022 2:38:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 12:50:10 AM |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-54 2.5' Collection Date: 10/14/2022 12:30:00 PM

| Lab ID: 2210837-007 | Matrix: SOIL | Rece | Received Date: 10/18/2022 7:30:00 AM | | | | |
|----------------------------------|--------------|----------|---|----|-----------------------|--|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB | | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/20/2022 3:17:38 AM | | |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/20/2022 3:17:38 AM | | |
| Surr: DNOP | 103 | 21-129 | %Rec | 1 | 10/20/2022 3:17:38 AM | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: CCM | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/19/2022 2:57:00 PM | | |
| Surr: BFB | 96.5 | 37.7-212 | %Rec | 1 | 10/19/2022 2:57:00 PM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 2:57:00 PM | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/19/2022 2:57:00 PM | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/19/2022 2:57:00 PM | | |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/19/2022 2:57:00 PM | | |
| Surr: 4-Bromofluorobenzene | 107 | 70-130 | %Rec | 1 | 10/19/2022 2:57:00 PM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 1:02:34 AM | | |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-55 2.5' Collection Date: 10/14/2022 12:35:00 PM

| Lab ID: 2210837-008 | Matrix: SOIL | Reco | 2022 7:30:00 AM | | |
|--------------------------------|--------------|----------|-----------------|----|-----------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RAN | IGE ORGANICS | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/20/2022 3:30:56 AM |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/20/2022 3:30:56 AM |
| Surr: DNOP | 100 | 21-129 | %Rec | 1 | 10/20/2022 3:30:56 AM |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/19/2022 3:17:00 PM |
| Surr: BFB | 92.1 | 37.7-212 | %Rec | 1 | 10/19/2022 3:17:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 3:17:00 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 3:17:00 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 3:17:00 PM |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/19/2022 3:17:00 PM |
| Surr: 4-Bromofluorobenzene | 107 | 70-130 | %Rec | 1 | 10/19/2022 3:17:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 1:14:59 AM |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated.

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

RL Reporting Limit

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Project:

Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-56 2.5' Collection Date: 10/14/2022 12:40:00 PM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-009 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|----------------------------------|--------------|---|----------|----|-----------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 3:44:10 AM | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/20/2022 3:44:10 AM | |
| Surr: DNOP | 102 | 21-129 | %Rec | 1 | 10/20/2022 3:44:10 AM | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/19/2022 3:37:00 PM | |
| Surr: BFB | 98.6 | 37.7-212 | %Rec | 1 | 10/19/2022 3:37:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/19/2022 3:37:00 PM | |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/19/2022 3:37:00 PM | |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/19/2022 3:37:00 PM | |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/19/2022 3:37:00 PM | |
| Surr: 4-Bromofluorobenzene | 111 | 70-130 | %Rec | 1 | 10/19/2022 3:37:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 1:27:24 AM | |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-57 2.5' Collection Date: 10/14/2022 12:45:00 PM

| Lab ID: 2210837-010 | Matrix: SOIL | Rece | 2022 7:30:00 AM | | |
|--------------------------------|--------------|----------|-----------------|----|-----------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 3:57:27 AM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/20/2022 3:57:27 AM |
| Surr: DNOP | 102 | 21-129 | %Rec | 1 | 10/20/2022 3:57:27 AM |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/19/2022 3:57:00 PM |
| Surr: BFB | 97.6 | 37.7-212 | %Rec | 1 | 10/19/2022 3:57:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/19/2022 3:57:00 PM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/19/2022 3:57:00 PM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/19/2022 3:57:00 PM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/19/2022 3:57:00 PM |
| Surr: 4-Bromofluorobenzene | 110 | 70-130 | %Rec | 1 | 10/19/2022 3:57:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 1:39:48 AM |

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

Qualifiers:

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

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Project:

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-58 2.5' Collection Date: 10/14/2022 12:50:00 PM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-011 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|----------------------------------|--------------|---|----------|----|-----------------------|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/20/2022 4:10:33 AM | |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/20/2022 4:10:33 AM | |
| Surr: DNOP | 104 | 21-129 | %Rec | 1 | 10/20/2022 4:10:33 AM | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/19/2022 4:36:00 PM | |
| Surr: BFB | 90.9 | 37.7-212 | %Rec | 1 | 10/19/2022 4:36:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/19/2022 4:36:00 PM | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/19/2022 4:36:00 PM | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/19/2022 4:36:00 PM | |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/19/2022 4:36:00 PM | |
| Surr: 4-Bromofluorobenzene | 103 | 70-130 | %Rec | 1 | 10/19/2022 4:36:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 1:52:12 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 standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value E J
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-59 2.5' Collection Date: 10/14/2022 12:55:00 PM

| Lab ID: 2210837-012 | Matrix: SOIL | Rec | 2022 7:30:00 AM | | |
|--------------------------------|--------------|----------|-----------------|----|-----------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/20/2022 4:23:50 AM |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/20/2022 4:23:50 AM |
| Surr: DNOP | 105 | 21-129 | %Rec | 1 | 10/20/2022 4:23:50 AM |
| EPA METHOD 8015D: GASOLINE RAI | NGE | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/19/2022 4:55:00 PM |
| Surr: BFB | 94.6 | 37.7-212 | %Rec | 1 | 10/19/2022 4:55:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/19/2022 4:55:00 PM |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/19/2022 4:55:00 PM |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/19/2022 4:55:00 PM |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/19/2022 4:55:00 PM |
| Surr: 4-Bromofluorobenzene | 107 | 70-130 | %Rec | 1 | 10/19/2022 4:55:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 2:29:24 AM |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-60 2.5' Collection Date: 10/14/2022 1:00:00 PM . JD-4-- 10/10/2022 7-20-00 AM ъ

| Lab ID: 2210837-013 | Matrix: SOIL | Rece | ived Date: 10/18/2022 7:30:00 AM | | | |
|----------------------------------|--------------|----------|----------------------------------|----|-----------------------|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 4:36:56 AM | |
| Motor Oil Range Organics (MRO) | 49 | 47 | mg/Kg | 1 | 10/20/2022 4:36:56 AM | |
| Surr: DNOP | 104 | 21-129 | %Rec | 1 | 10/20/2022 4:36:56 AM | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/19/2022 5:15:00 PM | |
| Surr: BFB | 94.3 | 37.7-212 | %Rec | 1 | 10/19/2022 5:15:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 5:15:00 PM | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 5:15:00 PM | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 5:15:00 PM | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/19/2022 5:15:00 PM | |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/19/2022 5:15:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 2:41:49 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 standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value J
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-61 2.5' Collection Date: 10/14/2022 1:05:00 PM

| Lab ID: 2210837-014 | Matrix: SOIL | Reco | Received Date: 10/18/2022 7:30:00 AM | | | | |
|--------------------------------|--------------|----------|---|----|-----------------------|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: SB | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 4:50:05 AM | | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/20/2022 4:50:05 AM | | |
| Surr: DNOP | 105 | 21-129 | %Rec | 1 | 10/20/2022 4:50:05 AM | | |
| EPA METHOD 8015D: GASOLINE RAI | NGE | | | | Analyst: CCM | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/19/2022 5:34:00 PM | | |
| Surr: BFB | 92.8 | 37.7-212 | %Rec | 1 | 10/19/2022 5:34:00 PM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 5:34:00 PM | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 5:34:00 PM | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 5:34:00 PM | | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/19/2022 5:34:00 PM | | |
| Surr: 4-Bromofluorobenzene | 102 | 70-130 | %Rec | 1 | 10/19/2022 5:34:00 PM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 2:54:13 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
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Papas Fritas 27 CTB1

Project:

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-62 2.5' Collection Date: 10/14/2022 1:10:00 PM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-015 | Matrix: SOIL Received Date: 10/18/2 | | | | 2022 7:30:00 AM | |
|---------------------------------|-------------------------------------|----------|----------|----|-----------------------|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analyst: SB | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 5:03:11 AM | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/20/2022 5:03:11 AM | |
| Surr: DNOP | 98.7 | 21-129 | %Rec | 1 | 10/20/2022 5:03:11 AM | |
| EPA METHOD 8015D: GASOLINE RANG | GE | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/19/2022 5:54:00 PM | |
| Surr: BFB | 97.3 | 37.7-212 | %Rec | 1 | 10/19/2022 5:54:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/19/2022 5:54:00 PM | |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/19/2022 5:54:00 PM | |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/19/2022 5:54:00 PM | |
| Xylenes, Total | ND | 0.092 | mg/Kg | 1 | 10/19/2022 5:54:00 PM | |
| Surr: 4-Bromofluorobenzene | 107 | 70-130 | %Rec | 1 | 10/19/2022 5:54:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 3:06:37 AM | |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-63 2.5' Collection Date: 10/14/2022 1:15:00 PM

| Lab ID: 2210837-016 | Matrix: SOIL | Reco | Received Date: 10/18/2022 7:30:00 AM | | | | |
|--------------------------------|--------------|----------|---|----|-----------------------|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: SB | | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/20/2022 5:16:14 AM | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/20/2022 5:16:14 AM | | |
| Surr: DNOP | 102 | 21-129 | %Rec | 1 | 10/20/2022 5:16:14 AM | | |
| EPA METHOD 8015D: GASOLINE RAI | NGE | | | | Analyst: CCM | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/19/2022 6:14:00 PM | | |
| Surr: BFB | 92.3 | 37.7-212 | %Rec | 1 | 10/19/2022 6:14:00 PM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 6:14:00 PM | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/19/2022 6:14:00 PM | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/19/2022 6:14:00 PM | | |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/19/2022 6:14:00 PM | | |
| Surr: 4-Bromofluorobenzene | 108 | 70-130 | %Rec | 1 | 10/19/2022 6:14:00 PM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 3:19:02 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

Holding times for preparation or analysis exceeded Н

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

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

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-64 2.5' Collection Date: 10/14/2022 1:20:00 PM

| Lab ID: 2210837-017 | Matrix: SOIL | Matrix: SOIL Received Date: 10/18 | | | | |
|--------------------------------|--------------|-----------------------------------|----------|----|-----------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RAN | IGE ORGANICS | | | | Analyst: SB | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 5:29:29 AM | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/20/2022 5:29:29 AM | |
| Surr: DNOP | 106 | 21-129 | %Rec | 1 | 10/20/2022 5:29:29 AM | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/19/2022 6:34:00 PM | |
| Surr: BFB | 95.8 | 37.7-212 | %Rec | 1 | 10/19/2022 6:34:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 6:34:00 PM | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/19/2022 6:34:00 PM | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/19/2022 6:34:00 PM | |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/19/2022 6:34:00 PM | |
| Surr: 4-Bromofluorobenzene | 107 | 70-130 | %Rec | 1 | 10/19/2022 6:34:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 3:31:26 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 standard limits. If undiluted results may be estimated.

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

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Papas Fritas 27 CTB1

Project:

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-66 2.5' Collection Date: 10/14/2022 1:25:00 PM п. oived Dete: 10/18/2022 7.30.00 AM

| Lab ID: 2210837-018 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|----------------------------------|--------------|--------------------------------------|----------|----|-----------------------|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 5:42:29 AM | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/20/2022 5:42:29 AM | |
| Surr: DNOP | 105 | 21-129 | %Rec | 1 | 10/20/2022 5:42:29 AM | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/19/2022 6:53:00 PM | |
| Surr: BFB | 97.8 | 37.7-212 | %Rec | 1 | 10/19/2022 6:53:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/19/2022 6:53:00 PM | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/19/2022 6:53:00 PM | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/19/2022 6:53:00 PM | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/19/2022 6:53:00 PM | |
| Surr: 4-Bromofluorobenzene | 108 | 70-130 | %Rec | 1 | 10/19/2022 6:53:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 3:43:50 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
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of standard limits. If undiluted results may be estimated.
- В Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value J
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-67 2.5' Collection Date: 10/14/2022 1:30:00 PM

| Lab ID: 2210837-019 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|---------------------------------|--------------|---|-------|----|-----------------------|--|
| Analyses | Result | RL Qual Units | | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS | | | | Analyst: SB | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 5:55:31 AM | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/20/2022 5:55:31 AM | |
| Surr: DNOP | 93.0 | 21-129 | %Rec | 1 | 10/20/2022 5:55:31 AM | |
| EPA METHOD 8015D: GASOLINE RAN | IGE | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/19/2022 7:13:00 PM | |
| Surr: BFB | 97.4 | 37.7-212 | %Rec | 1 | 10/19/2022 7:13:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/19/2022 7:13:00 PM | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 7:13:00 PM | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 7:13:00 PM | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/19/2022 7:13:00 PM | |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/19/2022 7:13:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 3:56:15 AM | |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-68 2.5' Collection Date: 10/14/2022 1:35:00 PM

| Lab ID: 2210837-020 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|----------------------------------|--------------|--------------------------------------|----------|----|-----------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: SB | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 6:08:17 AM | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/20/2022 6:08:17 AM | |
| Surr: DNOP | 93.0 | 21-129 | %Rec | 1 | 10/20/2022 6:08:17 AM | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/19/2022 7:33:00 PM | |
| Surr: BFB | 87.6 | 37.7-212 | %Rec | 1 | 10/19/2022 7:33:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/19/2022 7:33:00 PM | |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/19/2022 7:33:00 PM | |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/19/2022 7:33:00 PM | |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/19/2022 7:33:00 PM | |
| Surr: 4-Bromofluorobenzene | 102 | 70-130 | %Rec | 1 | 10/19/2022 7:33:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | ND | 59 | mg/Kg | 20 | 10/20/2022 4:08:39 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
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-69 2.5' Collection Date: 10/14/2022 1:40:00 PM

| Lab ID: 2210837-021 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|--------------------------------|--------------|---|----------|----|------------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: mb | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 12:54:25 AM | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/20/2022 12:54:25 AM | |
| Surr: DNOP | 95.7 | 21-129 | %Rec | 1 | 10/20/2022 12:54:25 AM | |
| EPA METHOD 8015D: GASOLINE RAM | NGE | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/19/2022 9:30:00 PM | |
| Surr: BFB | 92.3 | 37.7-212 | %Rec | 1 | 10/19/2022 9:30:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/19/2022 9:30:00 PM | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/19/2022 9:30:00 PM | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/19/2022 9:30:00 PM | |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/19/2022 9:30:00 PM | |
| Surr: 4-Bromofluorobenzene | 107 | 70-130 | %Rec | 1 | 10/19/2022 9:30:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | |
| Chloride | ND | 61 | mg/Kg | 20 | 10/20/2022 9:14:42 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

Holding times for preparation or analysis exceeded Н

- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit S
 - % Recovery outside of standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-70 2' n Datas 10/14/2022 0.00.00 ANA

| | 0, | | | | | |
|---------------------|--------------------------|--------------|----------|------------|-----------------------|------------------------|
| Project: | Papas Fritas 27 CTB1 | | Collec | tion Date: | 10/14/ | 2022 9:00:00 AM |
| Lab ID: 2210837-022 | | Matrix: SOIL | Rece | 10/18/ | .0/18/2022 7:30:00 AM | |
| Analyses | | Result | RL Qua | al Units | DF | Date Analyzed |
| EPA ME | THOD 8015M/D: DIESEL RAM | IGE ORGANICS | | | | Analyst: mb |
| Diesel F | Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 2:05:52 AM |
| Motor C | il Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/20/2022 2:05:52 AM |
| Surr: | DNOP | 96.8 | 21-129 | %Rec | 1 | 10/20/2022 2:05:52 AM |
| EPA ME | THOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM |
| Gasolin | e Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/19/2022 10:29:00 PM |
| Surr: | BFB | 96.9 | 37.7-212 | %Rec | 1 | 10/19/2022 10:29:00 PM |
| EPA ME | THOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzen | e | ND | 0.024 | mg/Kg | 1 | 10/19/2022 10:29:00 PM |
| Toluene |) | ND | 0.048 | mg/Kg | 1 | 10/19/2022 10:29:00 PM |
| Ethylbe | nzene | ND | 0.048 | mg/Kg | 1 | 10/19/2022 10:29:00 PM |
| Xylenes | , Total | ND | 0.096 | mg/Kg | 1 | 10/19/2022 10:29:00 PM |
| Surr: | 4-Bromofluorobenzene | 112 | 70-130 | %Rec | 1 | 10/19/2022 10:29:00 PM |
| EPA ME | THOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | 9 | ND | 60 | mg/Kg | 20 | 10/20/2022 9:51:44 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 standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Released to Imaging: 3/7/2023 9:56:12 AM

Project:

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-71 2' Collection Date: 10/14/2022 9:05:00 AM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-023 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|----------------------------------|--------------|--------------------------------------|---------|----|------------------------|--|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: mb | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/20/2022 2:29:39 AM | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/20/2022 2:29:39 AM | |
| Surr: DNOP | 91.4 | 21-129 | %Rec | 1 | 10/20/2022 2:29:39 AM | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/19/2022 11:28:00 PM | |
| Surr: BFB | 94.4 | 37.7-212 | %Rec | 1 | 10/19/2022 11:28:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/19/2022 11:28:00 PM | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/19/2022 11:28:00 PM | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/19/2022 11:28:00 PM | |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 10/19/2022 11:28:00 PM | |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/19/2022 11:28:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 10:53:25 AM | |

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

Qualifiers:

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

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Project:

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-72 2' Collection Date: 10/14/2022 9:10:00 AM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-024 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|----------------------------------|--------------|--------------------------------------|----------|----|------------------------|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: mb | |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/20/2022 2:53:25 AM | |
| Motor Oil Range Organics (MRO) | ND | 44 | mg/Kg | 1 | 10/20/2022 2:53:25 AM | |
| Surr: DNOP | 97.0 | 21-129 | %Rec | 1 | 10/20/2022 2:53:25 AM | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/19/2022 11:48:00 PM | |
| Surr: BFB | 93.6 | 37.7-212 | %Rec | 1 | 10/19/2022 11:48:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/19/2022 11:48:00 PM | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/19/2022 11:48:00 PM | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/19/2022 11:48:00 PM | |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/19/2022 11:48:00 PM | |
| Surr: 4-Bromofluorobenzene | 109 | 70-130 | %Rec | 1 | 10/19/2022 11:48:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 11:05:46 AM | |

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. 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 standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value E T
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Papas Fritas 27 CTB1

Project:

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-73 2' Collection Date: 10/14/2022 9:15:00 AM Pageived Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-025 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|----------------------------------|--------------|--------------------------------------|-------|----|------------------------|--|
| Analyses | Result | RL Qual Units | | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: mb | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 3:17:08 AM | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/20/2022 3:17:08 AM | |
| Surr: DNOP | 97.2 | 21-129 | %Rec | 1 | 10/20/2022 3:17:08 AM | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/20/2022 12:08:00 AM | |
| Surr: BFB | 103 | 37.7-212 | %Rec | 1 | 10/20/2022 12:08:00 AM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/20/2022 12:08:00 AM | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 12:08:00 AM | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 12:08:00 AM | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/20/2022 12:08:00 AM | |
| Surr: 4-Bromofluorobenzene | 110 | 70-130 | %Rec | 1 | 10/20/2022 12:08:00 AM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 11:18:07 AM | |

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

Qualifiers:

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

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Analytical Report Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-74 2' Collection Date: 10/14/2022 9:20:00 AM

| Project: | Papas Fritas 27 CTB1 | Collection Date: 10/14/2022 9:20:00 AM | | | | | | |
|----------|--------------------------|--|----------|-------------|--------|------------------------|--|--|
| Lab ID: | 2210837-026 | Matrix: SOIL | Rece | eived Date: | 10/18/ | 2022 7:30:00 AM | | |
| Analyses | | Result | RL Qu | al Units | DF | Date Analyzed | | |
| EPA ME | THOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: mb | | |
| Diesel R | ange Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 3:40:51 AM | | |
| Motor Oi | I Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/20/2022 3:40:51 AM | | |
| Surr: I | DNOP | 97.9 | 21-129 | %Rec | 1 | 10/20/2022 3:40:51 AM | | |
| EPA ME | THOD 8015D: GASOLINE RAN | IGE | | | | Analyst: CCM | | |
| Gasoline | e Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/20/2022 12:27:00 AM | | |
| Surr: I | BFB | 92.2 | 37.7-212 | %Rec | 1 | 10/20/2022 12:27:00 AM | | |
| EPA MET | THOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | 9 | ND | 0.024 | mg/Kg | 1 | 10/20/2022 12:27:00 AM | | |
| Toluene | | ND | 0.048 | mg/Kg | 1 | 10/20/2022 12:27:00 AM | | |
| Ethylber | izene | ND | 0.048 | mg/Kg | 1 | 10/20/2022 12:27:00 AM | | |
| Xylenes, | Total | ND | 0.095 | mg/Kg | 1 | 10/20/2022 12:27:00 AM | | |
| Surr: 4 | 4-Bromofluorobenzene | 103 | 70-130 | %Rec | 1 | 10/20/2022 12:27:00 AM | | |
| EPA ME | THOD 300.0: ANIONS | | | | | Analyst: JTT | | |
| Chloride | | ND | 60 | mg/Kg | 20 | 10/20/2022 11:30:28 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
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range RL
 - Reporting Limit

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-75 2' Collection Date: 10/14/2022 9:25:00 AM

| Lab ID: 2210837-027 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|--------------------------------|--------------|--------------------------------------|----------|----|------------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RAN | IGE ORGANICS | | | | Analyst: mb | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 4:04:33 AM | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/20/2022 4:04:33 AM | |
| Surr: DNOP | 99.3 | 21-129 | %Rec | 1 | 10/20/2022 4:04:33 AM | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/20/2022 12:47:00 AM | |
| Surr: BFB | 94.7 | 37.7-212 | %Rec | 1 | 10/20/2022 12:47:00 AM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/20/2022 12:47:00 AM | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 12:47:00 AM | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 12:47:00 AM | |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/20/2022 12:47:00 AM | |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/20/2022 12:47:00 AM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 11:42:48 AM | |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-76 2' Collection Date: 10/14/2022 9:30:00 AM

| Lab ID: 2210837-028 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | |
|--------------------------------|--------------|--------------------------------------|----------|----|------------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RAM | NGE ORGANICS | | | | Analyst: mb | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 4:28:16 AM | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/20/2022 4:28:16 AM | |
| Surr: DNOP | 96.5 | 21-129 | %Rec | 1 | 10/20/2022 4:28:16 AM | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/20/2022 1:07:00 AM | |
| Surr: BFB | 94.6 | 37.7-212 | %Rec | 1 | 10/20/2022 1:07:00 AM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/20/2022 1:07:00 AM | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 1:07:00 AM | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 1:07:00 AM | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/20/2022 1:07:00 AM | |
| Surr: 4-Bromofluorobenzene | 105 | 70-130 | %Rec | 1 | 10/20/2022 1:07:00 AM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 11:55:08 AM | |

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

Qualifiers:

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

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Papas Fritas 27 CTB1

Project:

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-77 2' Collection Date: 10/14/2022 9:35:00 AM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-029 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | | |
|---------------------------------|--------------|--------------------------------------|----------|----|------------------------|--|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analyst: mb | | | |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/20/2022 4:51:55 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 43 | mg/Kg | 1 | 10/20/2022 4:51:55 AM | | | |
| Surr: DNOP | 96.9 | 21-129 | %Rec | 1 | 10/20/2022 4:51:55 AM | | | |
| EPA METHOD 8015D: GASOLINE RANG | SE | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/20/2022 1:26:00 AM | | | |
| Surr: BFB | 92.4 | 37.7-212 | %Rec | 1 | 10/20/2022 1:26:00 AM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/20/2022 1:26:00 AM | | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/20/2022 1:26:00 AM | | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/20/2022 1:26:00 AM | | | |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/20/2022 1:26:00 AM | | | |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/20/2022 1:26:00 AM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 12:07:29 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 standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value E T
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Papas Fritas 27 CTB1

Project:

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-78 2' Collection Date: 10/14/2022 9:40:00 AM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-030 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | | |
|---------------------------------|--------------|--------------------------------------|-------|----|------------------------|--|--|--|
| Analyses | Result | RL Qual Units | | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analyst: mb | | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 5:15:31 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/20/2022 5:15:31 AM | | | |
| Surr: DNOP | 100 | 21-129 | %Rec | 1 | 10/20/2022 5:15:31 AM | | | |
| EPA METHOD 8015D: GASOLINE RANG | GE | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/20/2022 1:46:00 AM | | | |
| Surr: BFB | 101 | 37.7-212 | %Rec | 1 | 10/20/2022 1:46:00 AM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/20/2022 1:46:00 AM | | | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 1:46:00 AM | | | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 1:46:00 AM | | | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/20/2022 1:46:00 AM | | | |
| Surr: 4-Bromofluorobenzene | 108 | 70-130 | %Rec | 1 | 10/20/2022 1:46:00 AM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 12:19:50 PM | | | |

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

Qualifiers:

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

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Papas Fritas 27 CTB1

Project:

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-79 2' Collection Date: 10/14/2022 9:45:00 AM Pageived Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-031 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | | |
|----------------------------------|--------------|--------------------------------------|----------|----|------------------------|--|--|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: mb | | | |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/20/2022 5:39:09 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 42 | mg/Kg | 1 | 10/20/2022 5:39:09 AM | | | |
| Surr: DNOP | 100 | 21-129 | %Rec | 1 | 10/20/2022 5:39:09 AM | | | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/20/2022 2:25:00 AM | | | |
| Surr: BFB | 92.6 | 37.7-212 | %Rec | 1 | 10/20/2022 2:25:00 AM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/20/2022 2:25:00 AM | | | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 2:25:00 AM | | | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 2:25:00 AM | | | |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/20/2022 2:25:00 AM | | | |
| Surr: 4-Bromofluorobenzene | 104 | 70-130 | %Rec | 1 | 10/20/2022 2:25:00 AM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 12:32:11 PM | | | |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/27/2022 Client Sample ID: BES22-80 2' Collection Date: 10/14/2022 9:50:00 AM

| Lab ID: 2210837-032 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | | |
|--------------------------------|--------------|---|----------|----|------------------------|--|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RAN | IGE ORGANICS | | | | Analyst: mb | | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 6:02:46 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/20/2022 6:02:46 AM | | | |
| Surr: DNOP | 95.6 | 21-129 | %Rec | 1 | 10/20/2022 6:02:46 AM | | | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.6 | mg/Kg | 1 | 10/20/2022 2:45:00 AM | | | |
| Surr: BFB | 95.3 | 37.7-212 | %Rec | 1 | 10/20/2022 2:45:00 AM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/20/2022 2:45:00 AM | | | |
| Toluene | ND | 0.046 | mg/Kg | 1 | 10/20/2022 2:45:00 AM | | | |
| Ethylbenzene | ND | 0.046 | mg/Kg | 1 | 10/20/2022 2:45:00 AM | | | |
| Xylenes, Total | ND | 0.092 | mg/Kg | 1 | 10/20/2022 2:45:00 AM | | | |
| Surr: 4-Bromofluorobenzene | 110 | 70-130 | %Rec | 1 | 10/20/2022 2:45:00 AM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 12:44:32 PM | | | |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-81 2' Collection Date: 10/14/2022 9:55:00 AM

| Lab ID: 2210837-033 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | | |
|--------------------------------|--------------|---|----------|----|-----------------------|--|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: mb | | | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/20/2022 6:26:21 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/20/2022 6:26:21 AM | | | |
| Surr: DNOP | 100 | 21-129 | %Rec | 1 | 10/20/2022 6:26:21 AM | | | |
| EPA METHOD 8015D: GASOLINE RAM | IGE | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/20/2022 3:05:00 AM | | | |
| Surr: BFB | 97.7 | 37.7-212 | %Rec | 1 | 10/20/2022 3:05:00 AM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/20/2022 3:05:00 AM | | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/20/2022 3:05:00 AM | | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/20/2022 3:05:00 AM | | | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/20/2022 3:05:00 AM | | | |
| Surr: 4-Bromofluorobenzene | 110 | 70-130 | %Rec | 1 | 10/20/2022 3:05:00 AM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | | | |
| Chloride | ND | 61 | mg/Kg | 20 | 10/20/2022 1:21:33 PM | | | |

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Papas Fritas 27 CTB1

Project:

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-82 2' Collection Date: 10/14/2022 10:00:00 AM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-034 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | | |
|----------------------------------|----------------|--------------------------------------|----------|----|-----------------------|--|--|--|
| Analyses | Result RL Qual | | al Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: mb | | | |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/20/2022 6:49:56 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 44 | mg/Kg | 1 | 10/20/2022 6:49:56 AM | | | |
| Surr: DNOP | 92.1 | 21-129 | %Rec | 1 | 10/20/2022 6:49:56 AM | | | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/20/2022 3:24:00 AM | | | |
| Surr: BFB | 95.0 | 37.7-212 | %Rec | 1 | 10/20/2022 3:24:00 AM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/20/2022 3:24:00 AM | | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/20/2022 3:24:00 AM | | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/20/2022 3:24:00 AM | | | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/20/2022 3:24:00 AM | | | |
| Surr: 4-Bromofluorobenzene | 105 | 70-130 | %Rec | 1 | 10/20/2022 3:24:00 AM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 1:33:53 PM | | | |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-83 2' Collection Date: 10/14/2022 10:05:00 AM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-035 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | | |
|---------------------------------|--------------|--------------------------------------|----------|----|-----------------------|--|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS | | | | Analyst: mb | | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 7:13:29 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/20/2022 7:13:29 AM | | | |
| Surr: DNOP | 100 | 21-129 | %Rec | 1 | 10/20/2022 7:13:29 AM | | | |
| EPA METHOD 8015D: GASOLINE RAN | IGE | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/20/2022 3:44:00 AM | | | |
| Surr: BFB | 94.1 | 37.7-212 | %Rec | 1 | 10/20/2022 3:44:00 AM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/20/2022 3:44:00 AM | | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/20/2022 3:44:00 AM | | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/20/2022 3:44:00 AM | | | |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/20/2022 3:44:00 AM | | | |
| Surr: 4-Bromofluorobenzene | 110 | 70-130 | %Rec | 1 | 10/20/2022 3:44:00 AM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 1:46:13 PM | | | |

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

Qualifiers:

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

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Project:

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-84 2' Collection Date: 10/14/2022 10:10:00 AM Received Date: 10/18/2022 7:30:00 AM

| Lab ID: 2210837-036 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | | |
|----------------------------------|--------------|---|----------|----|-----------------------|--|--|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: mb | | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 7:37:05 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/20/2022 7:37:05 AM | | | |
| Surr: DNOP | 101 | 21-129 | %Rec | 1 | 10/20/2022 7:37:05 AM | | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/20/2022 4:04:00 AM | | | |
| Surr: BFB | 94.2 | 37.7-212 | %Rec | 1 | 10/20/2022 4:04:00 AM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/20/2022 4:04:00 AM | | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/20/2022 4:04:00 AM | | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/20/2022 4:04:00 AM | | | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/20/2022 4:04:00 AM | | | |
| Surr: 4-Bromofluorobenzene | 111 | 70-130 | %Rec | 1 | 10/20/2022 4:04:00 AM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/20/2022 1:58:34 PM | | | |

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

Qualifiers:

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

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Project: Papas Fritas 27 CTB1

Analytical Report Lab Order 2210837

Date Reported: 10/27/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-85 2' Collection Date: 10/14/2022 10:15:00 AM . .

| Lab ID: 2210837-037 | Matrix: SOIL | Received Date: 10/18/2022 7:30:00 AM | | | | | | |
|--------------------------------|--------------|--------------------------------------|----------|----|-----------------------|--|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: mb | | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/20/2022 8:00:40 AM | | | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/20/2022 8:00:40 AM | | | |
| Surr: DNOP | 102 | 21-129 | %Rec | 1 | 10/20/2022 8:00:40 AM | | | |
| EPA METHOD 8015D: GASOLINE RAI | NGE | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/20/2022 4:23:00 AM | | | |
| Surr: BFB | 95.8 | 37.7-212 | %Rec | 1 | 10/20/2022 4:23:00 AM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/20/2022 4:23:00 AM | | | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 4:23:00 AM | | | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/20/2022 4:23:00 AM | | | |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/20/2022 4:23:00 AM | | | |
| Surr: 4-Bromofluorobenzene | 107 | 70-130 | %Rec | 1 | 10/20/2022 4:23:00 AM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT | | | |
| Chloride | ND | 59 | mg/Kg | 20 | 10/20/2022 2:10:55 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
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
 - % Recovery outside of standard limits. If undiluted results may be estimated.
- в Analyte detected in the associated Method Blank
- Above Quantitation Range/Estimated Value E J
 - Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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14

1.5

15.00

| Client: Project: | | n Energy Fritas 27 CTB1 | | | | | | |
|--------------------------|-----------------|---|--------------------------------------|---------------------|---------------|--|--|--|
| Sample ID: Client ID: | MB-70935 PBS | SampType: mblk Batch ID: 70935 | TestCode: EPA Method RunNo: 91941 | 1 300.0: Anions | | | | |
| Prep Date: | 10/19/2022 | Analysis Date: 10/19/2022 | SeqNo: 3298304 | Units: mg/Kg | | | | |
| Analyte | | Result PQL SPK value | e SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual | | | |
| Chloride | | ND 1.5 | | | | | | |
| Sample ID: | MB-70945 | SampType: MBLK | TestCode: EPA Method | 300.0: Anions | | | | |
| Client ID: | PBS | Batch ID: 70945 | RunNo: 91958 | | | | | |
| Prep Date: | 10/20/2022 | Analysis Date: 10/20/2022 | SeqNo: 3299494 | Units: mg/Kg | | | | |
| Analyte Chloride | | Result PQL SPK value ND 1.5 | e SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual | | | |
| Sample ID: | LCS-70945 | SampType: LCS | TestCode: EPA Method | 300.0: Anions | | | | |
| Client ID: | LCSS | Batch ID: 70945 | RunNo: 91958 | | | | | |
| Prep Date: | 10/20/2022 | Analysis Date: 10/20/2022 | SeqNo: 3299495 | Units: mg/Kg | | | | |
| Analyte | | Result PQL SPK value | e SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual | | | |

0

96.3

90

110

Chloride

- * 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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2210837

27-Oct-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client:Devon EnProject:Papas Fri | nergy itas 27 CTI | B1 | | | | | | | | | |
|----------------------------------|------------------------------|-----------------|-----------|-----------------------------|---|-----------------------------------|--------------------|--------------|------------|------|--|
| Sample ID: MB-70928 | SampT | Type: ME | BLK | Tes | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | |
| Client ID: PBS | Batch | h ID: 70 | 928 | RunNo: 91929 | | | | | | | |
| Prep Date: 10/19/2022 | Analysis D | Date: 10 | 0/20/2022 | S | SeqNo: 3297826 | | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range Organics (DRO) | ND | 15 | | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | | |
| Surr: DNOP | 9.5 | | 10.00 | | 94.9 | 21 | 129 | | | | |
| Sample ID: LCS-70928 | SampT | Type: LC | S | Tes | tCode: E | PA Method | 8015M/D: Die | esel Rang | e Organics | | |
| Client ID: LCSS | Batch | h ID: 70 | 928 | F | RunNo: 9 ′ | 1929 | | | | | |
| Prep Date: 10/19/2022 | Analysis D | Date: 10 | 0/20/2022 | S | SeqNo: 3 | 297827 | Units: mg/K | (g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range Organics (DRO) | 48 | 15 | 50.00 | 0 | 95.3 | 64.4 | 127 | | | | |
| Surr: DNOP | 5.1 | | 5.000 | | 103 | 21 | 129 | | | | |
| Sample ID: 2210837-001AMS | S SampType: MS TestCode: EPA | | | | PA Method | od 8015M/D: Diesel Range Organics | | | | | |
| Client ID: BES22-48 2.5' | Batch ID: 70928 | | | RunNo: 91929 | | | | | | | |
| Prep Date: 10/19/2022 | Analysis D | Date: 10 | 0/20/2022 | SeqNo: 3297829 Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range Organics (DRO) | 49 | 15 | 49.41 | 0 | 99.5 | 36.1 | 154 | | | | |
| Surr: DNOP | 5.3 | | 4.941 | | 108 | 21 | 129 | | | | |
| Sample ID: 2210837-001AMS | D SampT | Гуре: М | SD | Tes | tCode: El | PA Method | 8015M/D: Die | esel Rang | e Organics | | |
| Client ID: BES22-48 2.5' | Batch | h ID: 70 | 928 | F | RunNo: 9 ′ | 1929 | | | | | |
| Prep Date: 10/19/2022 | Analysis D | Date: 10 |)/20/2022 | S | SeqNo: 3 | 297830 | Units: mg/K | ζg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range Organics (DRO) | 46 | 14 | 46.77 | 0 | 97.7 | 36.1 | 154 | 7.28 | 33.9 | | |
| Surr: DNOP | 5.1 | | 4.677 | | 109 | 21 | 129 | 0 | 0 | | |
| Sample ID: MB-70929 | SampT | Type: ME | BLK | Tes | tCode: E | PA Method | 8015M/D: Die | esel Rang | e Organics | | |
| Client ID: PBS | Batch | h ID: 70 | 929 | F | RunNo: 9 | 1900 | | | | | |
| Prep Date: 10/19/2022 | Analysis D | Date: 10 |)/20/2022 | 5 | SeqNo: 3 | 298010 | Units: mg/k | (g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range Organics (DRO) | ND | 15 | | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | | |
| Surr: DNOP | 9.0 | | 10.00 | | 89.9 | 21 | 129 | | | | |

Qualifiers:

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

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2210837

27-Oct-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | Devon Er Papas Fri | hergy tas 27 CTI | R 1 | | | | | | | | |
|---------------------|-----------------------|---------------------|-------------------|-----------|---|---------------------|--------------|--------------------|------------|------------|------|
| Tojeci. | Fapas Fil | | DI | | | | | | | | |
| Sample ID: | LCS-70929 | SampT | ype: LC | S | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | |
| Client ID: | LCSS | Batch | n ID: 70 9 | 929 | F | RunNo: 91900 | | | | | |
| Prep Date: | 10/19/2022 | Analysis D | ate: 10 |)/20/2022 | S | SeqNo: 3 | 298011 | Units: mg/K | íg | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | 46 | 15 | 50.00 | 0 | 92.3 | 64.4 | 127 | | | |
| Surr: DNOP | | 4.6 | | 5.000 | | 92.4 | 21 | 129 | | | |
| Sample ID: | 2210837-021AMS | 3 | Tes | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | | | |
| Client ID: | BES22-69 2.5' | Batch | Batch ID: 70929 | | | RunNo: 91900 | | | | | |
| Prep Date: | 10/19/2022 | Analysis D | ate: 10 | /20/2022 | SeqNo: 3298013 | | Units: mg/Kg | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | 47 | 14 | 46.51 | 0 | 100 | 36.1 | 154 | | | |
| Surr: DNOP | | 4.8 | | 4.651 | | 102 | 21 | 129 | | | |
| Sample ID: | 2210837-021AMS |) SampT | ype: MS | SD. | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | BES22-69 2.5' | Batch | n ID: 709 | 929 | F | RunNo: 9 | 1900 | | | | |
| Prep Date: | 10/19/2022 | Analysis D | ate: 10 | /20/2022 | S | SeqNo: 3 | 298014 | Units: mg/K | (g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Drganics (DRO) | 45 | 14 | 45.62 | 0 | 99.1 | 36.1 | 154 | 2.82 | 33.9 | |
| • | | | | | | | | | | | |

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2210837

27-Oct-22

QC SUMMARY REPORT Hall E

| SUMMARI REFURI | WO#: | 2210837 |
|---|------|-----------|
| Environmental Analysis Laboratory, Inc. | | 27-Oct-22 |

| Client: Devon E | nergy | | | | | | | | |
|--|-----------------------|----------------|-------------|------------------|--------------|-------------|------------|----------|------|
| Project: Papas Fri | itas 27 CTB1 | | | | | | | | |
| Sample ID: Ics-70896 | SampType: LCS | | Test | Code: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: LCSS | Batch ID: 70896 | | R | unNo: 9 1 | 1932 | | C | | |
| Prep Date: 10/18/2022 | Analysis Date: 10/19/ | 2022 | S | eqNo: 32 | 298039 | Units: mg/K | g | | |
| Analyte | Result PQL SP | K value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23 5.0 | 25.00 | 0 | 91.3 | 72.3 | 137 | | | |
| Surr: BFB | 2000 | 1000 | | 202 | 37.7 | 212 | | | |
| Sample ID: mb-70896 | SampType: MBLK | | Test | Code: EF | PA Method | 8015D: Gaso | line Range | e | |
| Client ID: PBS | Batch ID: 70896 | | R | unNo: 91 | 1932 | | | | |
| Prep Date: 10/18/2022 | Analysis Date: 10/19/ | 2022 | S | eqNo: 32 | 298040 | Units: mg/K | g | | |
| Analyte | Result PQL SP | K value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND 5.0 | 4000 | | 00.0 | | 0.4.0 | | | |
| Surr: BFB | 930 | 1000 | | 92.6 | 37.7 | 212 | | | 1 |
| Sample ID: 2210837-001ams | SampType: MS | | Test | Code: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: BES22-48 2.5' | Batch ID: 70896 | | R | unNo: 91 | 1932 | | | | |
| Prep Date: 10/18/2022 | Analysis Date: 10/19/ | 2022 | S | eqNo: 32 | 298042 | Units: mg/K | g | | |
| Analyte | | | SPK Ref Val | | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | 24 4.8 2000 | 23.88 955.1 | 0 | 99.1 214 | 70 37.7 | 130 212 | | | S |
| | 2000 | 955.1 | | 214 | 31.1 | 212 | | | 3 |
| Sample ID: 2210837-001amsc | SampType: MSD | | | | | 8015D: Gaso | line Range | е | |
| Client ID: BES22-48 2.5' | Batch ID: 70896 | | | unNo: 91 | | | | | |
| Prep Date: 10/18/2022 | Analysis Date: 10/19/ | 2022 | S | eqNo: 32 | 298043 | Units: mg/K | g | | |
| Analyte | | | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | 25 4.8 2100 | 23.90 956.0 | 0 | 105 217 | 70 37.7 | 130 212 | 6.24 0 | 20 0 | S |
| | 2100 | 350.0 | | 217 | 51.1 | 212 | 0 | 0 | 3 |
| Sample ID: Ics-70897 | SampType: LCS | | | | | 8015D: Gaso | line Rang | e | |
| Client ID: LCSS | Batch ID: 70897 | | | unNo: 91 | | | | | |
| Prep Date: 10/18/2022 | Analysis Date: 10/19/ | 2022 | S | eqNo: 32 | 298063 | Units: mg/K | g | | |
| Analyte | | | SPK Ref Val | | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | 23 5.0 2100 | 25.00 1000 | 0 | 90.4 205 | 72.3 37.7 | 137 212 | | | |
| | | | | | | | | |] |
| Sample ID: MB-70897 | SampType: MBLK | | | | | 8015D: Gaso | line Range | e | |
| Client ID: PBS | Batch ID: 70897 | | | unNo: 91 | | | | | |
| Prep Date: 10/18/2022 | Analysis Date: 10/19/ | 2022 | S | eqNo: 32 | 298064 | Units: mg/K | g | | |
| Analyte | Result PQL SP | K value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

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

В Analyte detected in the associated Method Blank

- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

2000

939.8

| Client: | Devon Er | nergy | | | | | | | | | |
|----------------------------|------------------|------------|-----------------|----------------|-------------|-----------------|------------|--------------------|-----------|----------|------|
| Project: | Papas Fri | tas 27 CT | B1 | | | | | | | | |
| Sample ID: | MB-70897 | SampT | ype: ME | BLK | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | PBS | Batch | h ID: 70 | 897 | F | RunNo: 9 | 1932 | | | | |
| Prep Date: | 10/18/2022 | Analysis D | Date: 10 | 0/19/2022 | 5 | SeqNo: 32 | 298064 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang Surr: BFB | e Organics (GRO) | ND 920 | 5.0 | 1000 | | 92.2 | 37.7 | 212 | | | |
| Sample ID: | 2210837-021ams | SampT | уре: М | 3 | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | BES22-69 2.5' | Batch | h ID: 70 | 897 | F | RunNo: 9 | 1932 | | | | |
| Prep Date: | 10/18/2022 | Analysis D | Date: 10 | 0/19/2022 | 5 | SeqNo: 3 | 298066 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang Surr: BFB | e Organics (GRO) | 23 2100 | 4.7 | 23.56 942.5 | 0 | 97.1 220 | 70 37.7 | 130 212 | | | S |
| SUII. BFB | | 2100 | | 942.0 | | 220 | 57.7 | 212 | | | 3 |
| Sample ID: | 2210837-021amsd | SampT | ype: M | SD | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | BES22-69 2.5' | Batch | h ID: 70 | 897 | F | RunNo: 9 | 1932 | | | | |
| Prep Date: | 10/18/2022 | Analysis D | Date: 10 | 0/19/2022 | 5 | SeqNo: 32 | 298067 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 24 | 4.7 | 23.50 | 0 | 103 | 70 | 130 | 5.17 | 20 | |

Qualifiers:

Surr: BFB

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

214

37.7

212

0

0

S

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2210837

27-Oct-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| WO#: | 2210837 |
|------|-----------|
| | 27-Oct-22 |

| Client: Devon Ea Project: Papas Fri | nergy itas 27 CT | B1 | | | | | | | | |
|--|---------------------|-----------------|-----------|-------------|-------------------|-----------|--------------------|------|----------|------|
| Sample ID: Ics-70896 | Samp | Type: LC | S | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
| Client ID: LCSS | Batc | h ID: 70 | 896 | F | RunNo: 9 | 1932 | | | | |
| Prep Date: 10/18/2022 | Analysis [| Date: 10 |)/19/2022 | S | SeqNo: 3 | 298093 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.2 | 0.025 | 1.000 | 0 | 116 | 80 | 120 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 115 | 80 | 120 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 115 | 80 | 120 | | | |
| Xylenes, Total | 3.4 | 0.10 | 3.000 | 0 | 113 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 108 | 70 | 130 | | | |
| Sample ID: mb-70896 | Samp | Туре: МЕ | BLK | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: PBS | Batc | h ID: 70 | 896 | F | RunNo: 9 ′ | 1932 | | | | |
| Prep Date: 10/18/2022 | Analysis [| Date: 10 |)/19/2022 | S | SeqNo: 3 | 298094 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 107 | 70 | 130 | | | |
| Sample ID: 2210837-002ams | Samp | Туре: МS | 6 | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: BES22-49 2.5' | Batc | h ID: 70 | 896 | F | RunNo: 9 ′ | 1932 | | | | |
| Prep Date: 10/18/2022 | Analysis [| Date: 10 |)/19/2022 | 5 | SeqNo: 3 | 298097 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.2 | 0.025 | 0.9950 | 0 | 125 | 68.8 | 120 | | | S |
| Toluene | 1.3 | 0.050 | 0.9950 | 0 | 127 | 73.6 | 124 | | | S |
| Ethylbenzene | 1.3 | 0.050 | 0.9950 | 0 | 126 | 72.7 | 129 | | | |
| Xylenes, Total | 3.7 | 0.10 | 2.985 | 0 | 124 | 75.7 | 126 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 0.9950 | | 106 | 70 | 130 | | | |
| Sample ID: 2210837-002amsc | d Samp | Туре: МS | SD | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: BES22-49 2.5' | Batc | h ID: 70 | 896 | F | RunNo: 9 ′ | 1932 | | | | |
| Prep Date: 10/18/2022 | Analysis [| Date: 10 |)/19/2022 | S | SeqNo: 32 | 298098 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.2 | 0.025 | 0.9872 | 0 | 125 | 68.8 | 120 | 1.02 | 20 | S |
| Toluene | 1.2 | 0.049 | 0.9872 | 0 | 125 | 73.6 | 124 | 2.73 | 20 | S |
| Ethylbenzene | 1.2 | 0.049 | 0.9872 | 0 | 126 | 72.7 | 129 | 1.16 | 20 | |
| Xylenes, Total | 3.7 | 0.099 | 2.962 | 0 | 123 | 75.7 | 126 | 1.42 | 20 | |
| | | | | | | | | | | |

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 standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 43 of 44

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

| | WO#: | 2210837 |
|--------------------------------|------|-----------|
| ntal Analysis Laboratory, Inc. | | 27-Oct-22 |
| | | |

| Client: Project: | Devon En Papas Frit | ••• | B1 | | | | | | | | |
|--------------------------------|------------------------|-------------------|-----------------|---------------------------|------------------|-------------------|----------------|------------------|-----------|----------|-----------|
| Sample ID: | lcs-70897 | Samp | Гуре: LC | S | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
| Client ID: | LCSS | Batc | h ID: 70 | 897 | F | RunNo: 9 ' | 1932 | | | | |
| Prep Date: | 10/18/2022 | Analysis [| Date: 10 | /19/2022 | S | SeqNo: 3 | 298117 | Units: mg/K | (a | | |
| · | | | | | | | | • | • | | Qual |
| Analyte Benzene | | Result 1.2 | PQL 0.025 | 1.000 | SPK Ref Val 0 | %REC 120 | LowLimit 80 | HighLimit 120 | %RPD | RPDLimit | Qual S |
| Toluene | | 1.2 | 0.020 | 1.000 | 0 | 120 | 80 | 120 | | | 0 |
| Ethylbenzene | | 1.2 | 0.050 | 1.000 | 0 | 119 | 80 | 120 | | | |
| Xylenes, Total | | 3.5 | 0.10 | 3.000 | 0 | 118 | 80 | 120 | | | |
| Surr: 4-Brom | ofluorobenzene | 1.1 | | 1.000 | | 108 | 70 | 130 | | | |
| Sample ID: | MB-70897 | Samp | Гуре: МЕ | BLK | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
| Client ID: | PBS | Batc | h ID: 70 | 897 | F | RunNo: 9 1 | 1932 | | | | |
| Prep Date: | 10/18/2022 | Analysis [| Date: 10 |)/19/2022 | S | SeqNo: 32 | 298118 | Units: mg/K | (g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | ND | 0.025 | | | | | | | | |
| Toluene | | ND | 0.050 | | | | | | | | |
| Ethylbenzene | | ND | 0.050 | | | | | | | | |
| Xylenes, Total | | ND | 0.10 | | | | | | | | |
| Surr: 4-Brom | ofluorobenzene | 1.0 | | 1.000 | | 105 | 70 | 130 | | | |
| Sample ID: | 2210837-022ams | Samp | Гуре: МS | 5 | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
| Client ID: | BES22-70 2' | Batc | h ID: 70 | 897 | F | RunNo: 9 ′ | 1932 | | | | |
| Prep Date: | 10/18/2022 | Analysis [| Date: 10 |)/19/2022 | S | SeqNo: 3 | 298121 | Units: mg/K | ſg | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 1.3 | 0.024 | 0.9690 | 0 | 129 | 68.8 | 120 | | | S |
| Toluene | | 1.3 | 0.048 | 0.9690 | 0 | 131 | 73.6 | 124 | | | S |
| Ethylbenzene | | 1.3 | 0.048 | 0.9690 | 0 | 129 | 72.7 | 129 | | | S |
| Xylenes, Total | | 3.7 | 0.097 | 2.907 | 0 | 128 | 75.7 | 126 | | | S |
| Surr: 4-Brom | nofluorobenzene | 1.1 | | 0.9690 | | 109 | 70 | 130 | | | |
| • | 2210837-022amsd | Samp | Гуре: МS | 5D | | | | 8021B: Volat | tiles | | |
| Client ID: | BES22-70 2' | | h ID: 70 | | F | RunNo: 9 ′ | 1932 | | | | |
| Prep Date: | 10/18/2022 | Analysis [| Date: 10 | /19/2022 | S | SeqNo: 3 | 298122 | Units: mg/K | (g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 1.3 | 0.024 | 0.9560 | 0 | 134 | 68.8 | 120 | 2.49 | 20 | S |
| | | 1.3 | 0.048 | 0.9560 | 0 | 135 | 73.6 | 124 | 2.09 | 20 | S |
| | | | | 0 0 5 0 0 | 0 | 135 | 72.7 | 129 | 3.31 | 20 | S |
| Toluene Ethylbenzene | | 1.3 | 0.048 | 0.9560 | | | | | | | |
| Ethylbenzene Xylenes, Total | ofluorobenzene | 1.3 3.8 1.0 | 0.048 0.096 | 0.9560 2.868 0.9560 | 0 | 134 105 | 75.7 70 | 126 130 | 2.76 0 | 20 0 | S |

Qualifiers:

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

B Analyte detected in the associated Method Blank

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Released to Imaging: 3/7/2023 9:56:12 AM

| Received by | OCD: | 12/2/2022 | 2:02:23 PM |
|-------------|------|-----------|------------|
|-------------|------|-----------|------------|

| HALL ENVIRONMENTAL ANALYSIS LABORATORY | TEL: 505-345-3 | ntal Analysis Labor 4901 Hawki Albuquerque, NM 8 975 FAX: 505-345 v.hallenvironmenta | ns NE 87109 Sam -4107 | ple Log-In Ch | eck List |
|--|--------------------|--|------------------------------------|--------------------------------|-----------------|
| Client Name: Devon Energy | Work Order Num | ber: 2210837 | | RcptNo: 1 | |
| Received By: Juan Rojas | 10/18/2022 7:30:00 |) AM | George g | | |
| Completed By: Sean Livingston Reviewed By: Jin 10 (196/22 | 10/18/2022 8:07:11 | АМ | Sala | jot- | |
| Chain of Custody | | | | | |
| 1. Is Chain of Custody complete? | | Yes 🔽 | No 🗌 | Not Present | |
| 2. How was the sample delivered? | | Courier | | | |
| Log In 3. Was an attempt made to cool the samples? | | Yes 🔽 | No 🗌 | | |
| | | | | | |
| 4. Were all samples received at a temperature | of >0° C to 6.0°C | Yes 🔽 | No 🗌 | NA 🗌 | |
| 5. Sample(s) in proper container(s)? | | Yes 🔽 | No 🗌 | | |
| Sufficient sample volume for indicated test(s |)? | Yes 🔽 | No 🗌 | | |
| 7. Are samples (except VOA and ONG) properl | y preserved? | Yes 🔽 | No 🗆 | | |
| 3. Was preservative added to bottles? | | Yes 🗌 | No 🗹 | NA 🗌 | |
| 9. Received at least 1 vial with headspace <1/4 | " for AQ VOA? | Yes 🗌 | No 🗌 | NA 🗹 | |
| 0. Were any sample containers received broke | n? | Yes 🗆 | No 🗹 | # of preserved bottles checked | / |
| 1. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | | Yes 🔽 | No 🗌 | for pH: | 2 unless noted) |
| 2. Are matrices correctly identified on Chain of | Custody? | Yes 🔽 | No 🗆 | Adjusted? | |
| 3. Is it clear what analyses were requested? | | Yes 🔽 | No 🗌 | / | 0.0 |
| Were all holding times able to be met? (If no, notify customer for authorization.) | | Yes 🗹 | No 🗆 | Checked by: | 10.10.93 |
| pecial Handling (if applicable) | | | | | |
| 5. Was client notified of all discrepancies with | this order? | Yes | No 🗌 | NA 🔽 | |
| Person Notified: | Date | | | | |
| By Whom: | Via: | Court in such as a | Phone 🗍 Fax | In Person | |
| Regarding: | | | | | |
| Client Instructions: | | | | | |
| 16. Additional remarks: | | | | | |
| 17. <u>Cooler Information</u> Cooler No Temp °C Condition Si 1 1.0 Good | eal Intact Seal No | Seal Date | Signed By | | |

Page 1 of 1

| LL ENVIRONMENTAL | | www.hallenvironmental.com | NE - Albuqueratue. NM 87109 | | Analysis Request | (11 (11 | PO4, SO4 | | (∀ | ۸۵٬ 0 ³ ' | r, N (AC) -ime | 8 280 (Vo 8260 (Vo 8270 (So Total Co | | | | | | | | | | | | | CC: Change Dixon | 1 | in so in | |
|-------------------------|------------|---------------------------|-----------------------------|------------------|--|------------------|---------------------------|----------------|---------|-------------------------|----------------------------|--|-------------------|----------------|---------------|-------------|---------------|---------------|---------------|---------------|---------------|-------|---------------|-----------|------------------|----------|------------------|---------------|
| | | | 4901 Hawkins NE - | TAL FOR 346 2076 | 0- | - | PCB's CD / MR(| 1) 85 1) | | a Su des GR | 5D(| ХЭТ8 (08:1997 99 1808 (М) 803 803 (М 803 803 | | | | | | | | | | | | | Remarks: CC: C | Sirect . | | |
| 60-2 | | 1 77 17 P | 5 17 | | | | Spi | | D No | 2 | 0.9 to.1=1.0 (°C) | HEAL NO. | 001 | 200 | 200 | 406 | 200 | 20 G | たち | 2008 | 205 | 010 | 011 | OIL | 10 Date Time | 2 | Date Time | 11/18/22 7130 |
| Lime: | | 1 | Chand St | | 226-01417 | ager: | Seanings | 0 | TYes | M. | (including CF): | ÷ | Tel | 1 | | | | | | | | | | | Via: | N | Via: | 1 counter |
| Turn-Around | □ Standard | Project Name: | Shrber | Project #: | 226- | Project Manager: | Kent | Sampler: | On Ice: | # of Coolers: | Cooler Temp(including CF): | Container Type and # | 207 | | | | | | | | | | | 1 | Received by: | Cours | Received by: | 18 |
| Chain-of-Custody Record | I VERLEX | | on Fill | | | | Level 4 (Full Validation) | Az Compliance | ther | | | ix Sample Name | 21 8 ES22-48 Z.S' | & ES22-49 2.5' | 8EX22-50 2.5' | BE2-51 Z,S' | BES22-52 2.5' | BEEZE-53 2,5' | BES22-54 2.5' | 85522-55 2.5' | BESCE-56 Z.S' | | BESE2-58 2.5' | ESE2-59 0 | Relinquished by: | (Solar) | Relinquished by: | Arriss and |
| Chain-of- | BUILDENONI | magi | | 3/7/2 | :# another | Gemail or Fax#: | ZA/QC Package: | | - | (ed) | | Date Time Matrix | 1011412:0050:1 | 1 12:05 | 12:10 | 12:15 | 12:20 | 12:25 | 12:30 | 12:35 | 12:20 | 22:45 | 12:50 | 12:55 | Time: | 511/2 | | 10 00 000 |

| $\nabla \mathcal{E} V DD$ $V \mathcal{L} \mathcal{L} \mathcal{L}$ \Box Standard Address: \neg : \neg : \neg \neg : \neg : \neg : \neg Address: \neg : \neg : \neg : \neg \neg : | eased t | hain- | -of-Cu | Chain-of-Custody Record | q | Turn-Around | Time | Day | | | | LA | LL | N | VII V | SON | HALL ENVIRONMENT | TAL |
|---|-----------|----------|------------|-------------------------|-------------|-------------------------|------------------|-------------------|-----------|--------|-------|-------|--------|-------------------|--------|---------|------------------|-----|
| Project Name: Project Name: 27 E - 01 41/1 22 E - 01 41/1 21 E - 1/L Project Manager: 22 E - 01 41/1 22 E - 01 41/1 At Compliance Project Manager: 22 E - 01 41/1 22 E - 01 41/1 At Compliance Project Manager: At Type OI 10: At Type OI 10: <th>110111</th> <th>Sevo.</th> <th>mive</th> <th>red</th> <th></th> <th>□ Standar</th> <th>d B Rush</th> <th></th> <th></th> <th></th> <th>Ē</th> <th>AN</th> <th>IAL</th> <th>YSI</th> <th>S</th> <th>ABO</th> <th>RAT</th> <th>ORY</th> | 110111 | Sevo. | mive | red | | □ Standar | d B Rush | | | | Ē | AN | IAL | YSI | S | ABO | RAT | ORY |
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| Project #: Project #: Toject #: Toject Manager: | Aailing A | Address. | 00 | E. 11. | | papa | Frieds | N | - | 490 | 1 Hav | wkins | ' NE | Albuc | Inergu | e, NM 8 | 7109 | |
| こころの14/13 | | | - | | | Project #: | 1.12 | | | Te | . 505 | -345- | 3975 | Fax | x 505 | -345-41 | 07 | |
| # Project Manager: α :: \Box Level 4 (Full Validation) α :: \Box Level 4 (Full Validation) α :: \Box Compliance α :: \Box Az Compliance Sampler: \Box Diter: \Box Other: \Box Other: \Box Other: \Box Other: \Box Other: \exists of Cooler Temploutenscrip: \Box Other: \exists of Cooler Sinks \Box Other: \exists of Cooler Temploutenscrip: \Box Other: \exists of Cooler Temploutenscrip: \Box Other: \exists of Cooler Temploutenscrip: \Box Other: \exists of Cooler Sinks \Box Diff.: \exists of Cooler Temploutenscrip: \Box Other: \exists of Cooler Temploutenscrip: \Box Other: \Box or \exists random \Box Diff.: \Box or d random \Box Diff.: \Box or random \Box Diff.: <t< td=""><td>hone #</td><td></td><td></td><td></td><td></td><td>226-0</td><td>21417</td><td></td><td></td><td></td><td></td><td></td><td>A</td><td>ıalysi</td><td>s Rec</td><td>uest</td><td></td><td></td></t<> | hone # | | | | | 226-0 | 21417 | | | | | | A | ıalysi | s Rec | uest | | |
| Image: | mail or | Fax#: | | | | Project Man | ager: | | () | (0 | | - | | [†] 0 | | (10 | - | - |
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| Editation: Under Complete Sampler: (A) DI (Type) # of Cooler: Twe Matrix Sample: (A) DI (Type) # of Cooler: Twe Matrix Sample: (A) DI (Type) # of Cooler: Twe Matrix Sample Name Container Preservative HEAL No. Preservative HEAL No. Preservative HEAL No. V/1 : 2/O S O/1 Ø Sex2r 5/O Z.S.1 V G Z Z Z C O (1) Preservative HEAL No. V/1 : 2/O S O/1 Ø Sex2r 5/O Z.S.1 V G Z Z Z C O (1) Preservative HEAL No. V: : 2/O S O/1 Ø Sex2r 5/O Z.S.1 V G Z Z Z C O (1) Preservative V: : 2/O S O/1 Ø Sex2r 5/O Z.S.1 V G Z Z Z C O (1) Preservative V: : 2/O S O/1 Ø Sex2r 5/O Z.S.1 V G Z Z Z C O (1) Preservative V: : 2/O S O/1 Ø Sex2r 5/O Z.S.1 V G Z Z Z C O (1) Preservative V: : 2/O S Ø Sex2r 5/O Z.S.1 Ø SO 0 O (1) | orally | | | | auuny | | | | 1B,8 | DЯC | _ | | | , ^{2,} F | | ţuə | _ | |
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| Time Time <th< td=""><td>NELA</td><td>Tunal</td><td>□ Other</td><td></td><td></td><td>Un Ice: # of Coolars</td><td></td><td>ON 🗆</td><td>/ 38 T</td><td>วยอ</td><td></td><td></td><td></td><td>'[°]C</td><td>AOV</td><td>d) u</td><td></td><td></td></th<> | NELA | Tunal | □ Other | | | Un Ice: # of Coolars | | ON 🗆 | / 38 T | วยอ | | | | ' [°] C | AOV | d) u | | |
| Time Matrix Sample Name Container Preservative HEAL No. EXACT-GO EX | | Ind() | | | | Cooler Tem | Drincluding CF): | (0 ₀) | ати | ם(ו | | - | 1.1.1 | | _ | itori | | |
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| $\gamma_1: (20 \leq 0.7)$ $\beta \in s \leq z \leq -6$ $z \leq s < z \leq -6$ $z \leq s < z \leq -6$ $z \leq s < -6$ $z \leq -6$ $z \leq s < -6$ $z \leq -6$ $z \leq s < -6$ $z \leq s < -6$ $z \leq s < -6$ $z \leq -2$ | | | Matrix | Sample Name | | Type and # | Type | | Ì9 | аI | - | 1000 | | > | _ | от | | |
| $i: CS$ $BESZZ-GI$ $Z.S.'$ $OI4$ I_1 $OI4$ I_1 $OI4$ I_1 $i: VS$ $BESZZ-GZ$ $Z.S.'$ OIC $OI4$ $OI4$ I_1 $i: ZS$ $BESZZ-GZ$ $Z.S.'$ $OI4$ $OI4$ I_1 I_1 $i: ZS$ $BESZZ-GZ$ $Z.S.'$ $OI4$ $OI4$ I_1 I_1 $i: ZS$ $BESZZ-GZ$ $Z.S.'$ $OI4$ $OI4$ I_1 I_1 $i: ZS$ $BESZZ-GZ$ $Z.S.'$ I_1 $OI4$ I_1 I_1 $i: ZS$ $BESZZ-GZ$ $Z.S.'$ I_1 $OI4$ I_1 I_1 $i: ZS$ $BESZZ-GZ$ $Z.S.'$ I_1 I_1 I_1 I_1 I_1 I_1 $i: ZS$ $BESZZ-GZ$ $Z.S.'$ I_2 I_1 I_2 I_1 I_2 I_1 I_1 I_1 I_1 I_1 I_2 I_1 I_2 I_1 I_2 I_2 I_2 I_2 I_2 I_2 I_2 I_2 | and | 00:1 | 5017 | 8 ESLE-60 | | 402 | | 510 | 1 | 1 | | | _ | 1 | | | | |
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| $i:ZC$ $BE5ZZ \cdot EL$ $Z:S$ $0:7$ | | 51:0 | | | Si | | | 500 | | - | - | - | | | | | | |
| $1:25$ $8=5\times2^{-}6$ 2.5 0.6 | | 02. | | | 101 | | | 410 | | | | | | | | | | |
| 7:30 $8E522-672.5$ 0.64 0.74 | | 1:25 | | 1.1 | in | | | 310 | | | | | | | | | | |
| 1:35 $2552-58$ 5.5 020 020 $2:20$ $2552-56$ 5.5 021 021 $2:00$ $2552-70$ $2'$ 021 021 $2:05$ $2552-70$ $2'$ 021 021 $2:05$ $2552-70$ $2'$ 021 021 $2:05$ $2552-70$ $2'$ 024 024 $1me$: Relinquished by: 00000 $1me$: Relinquished by: 00000 | ` _ | 1:30 | | ~ | | | | 510 | | | | | | | | | | |
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| $9:00$ $\mathbb{ZE}SZ2-70$ \mathbb{Z}' 0.22 0.23 0.23 $\mathbb{ZE}SZ2-71$ \mathbb{Z}' $9:05$ $\mathbb{ZE}ZZ2-72$ \mathbb{Z}' \mathbb{Z}' 0.23 0.23 0.23 0.23 $9:05$ $\mathbb{ZE}ZZ2-72$ \mathbb{Z}' \mathbb{Z}' 0.23 0.23 0.23 0.23 10^{11} $\mathbb{ZE}ZZ2-72$ \mathbb{Z}' \mathbb{Z}' \mathbb{Z}' 0.23 0.23 0.23 10^{11} $\mathbb{Z}ZZ2-72$ \mathbb{Z}' \mathbb{Z}' \mathbb{Z}' \mathbb{Z}' \mathbb{Z}' 10^{11} \mathbb{Z}' \mathbb{Z}' \mathbb{Z}' \mathbb{Z}' \mathbb{Z}' \mathbb{Z}' <td></td> <td>::40</td> <td></td> <td></td> <td>1.1.1.1.1.1</td> <td></td> <td></td> <td>120</td> <td></td> | | ::40 | | | 1.1.1.1.1.1 | | | 120 | | | | | | | | | | |
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| HALL ENVIRONMENTAL | LABORATORY | | Albuquerque, NM 87109 | 1107 | 4107 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
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| ROI | LAB | www.hallenvironmental.com | ue, NN | 505 345 A107 | -0+0-0 | Analysis Kequest | (tu | əzdA\tr | Jəse | 1.00 | A. 184 | 1.2.2 | O) o 120 O letoT | | | | | | | | | | | | | UDX:C | NON | | |
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| Ē | ANALYSIS | llanvii | - Albu | | | Analys | [†] OS | PO₄, S | 0 ⁵ ' | N ' | 10 ³ | 1, 1 | | 5 | - | - | 1 Mil | | | | | - | | | _ | CHANCE | Direct 811 | | |
| ALL. | AAL | ed ww | NE | 10 | 0100 | - | | 0141100 | | _ | 1.1 | 1.4 | 3 AADA | | | | | | | | | | | | | 64 | ち | | |
| I | | | wkins | 345 | -0+0- | - | | SMISC | 1.11 | _ | _ | | M) 803 PAHs b | | | | | | - | | | | | | | 00 | 1.20 | | |
| | Г | | 4901 Hawkins NE | Tel 505-345-3075 | 21. 000 | | | PCB's | | | | | 9 1808 | | | | | | | | | | | | | | 14 | | |
| | | | 49(| F | | | 1000 | | | 1.11 | 22.2 | 1. Sec. 14. | 08:H9T | 1 | - | 1 | | | | | | | | | - | Remarks: | | | K |
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Page 272 of 379

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| Mailing Address: | papas Fritas | 27 CTB1 | 49(| 4901 Hawkins NF | www. | | | www.riallenvironmental.com ns NF - Albitchierchie NM 87100 | g |
| <u>,</u> | Project #: | | Tel | 1 505-3 | 505-345-3975 | | Eav 50 | 505.345.4107 | D |
| Phone #: | 226-01417 | | | | | Anal | sis Re | Request | |
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October 28, 2022

Kent Stallings Vertex Resources Services, Inc. 3101 Boyd Drive Carlsbad, NM 88220 TEL: (505) 506-0040 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2210A33

RE: Papas Fritas 27 CTB1

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 20 sample(s) on 10/20/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

CLIENT: Vertex Resources Services, Inc.

Project: Papas Fritas 27 CTB1

Analytical Report
Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-41 2.5' Collection Date: 10/18/2022 8:30:00 AM Received Date: 10/20/2022 7:55:00 AM

| Lab ID: 2210A33-001 | Matrix: SOIL | Rece | Received Date: 10/20/2022 7:55:00 AM | | | | |
|--------------------------------|--------------|----------|---|----|------------------------|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: DGH | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/24/2022 2:40:08 PM | | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/24/2022 2:40:08 PM | | |
| Surr: DNOP | 98.3 | 21-129 | %Rec | 1 | 10/24/2022 2:40:08 PM | | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: NSB | | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/21/2022 12:48:41 PM | | |
| Surr: BFB | 93.9 | 37.7-212 | %Rec | 1 | 10/21/2022 12:48:41 PM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/21/2022 12:48:41 PM | | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/21/2022 12:48:41 PM | | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/21/2022 12:48:41 PM | | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/21/2022 12:48:41 PM | | |
| Surr: 4-Bromofluorobenzene | 95.5 | 70-130 | %Rec | 1 | 10/21/2022 12:48:41 PM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/23/2022 10:32:12 PM | | |

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 1 of 25

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-42 2.5' **Project:** Papas Fritas 27 CTB1 Collection Date: 10/18/2022 8:35:00 AM Lab ID: 2210A33-002 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 15 mg/Kg 1 10/24/2022 2:53:37 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/24/2022 2:53:37 PM Surr: DNOP 101 21-129 %Rec 1 10/24/2022 2:53:37 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2022 3:09:43 PM 4.7 mg/Kg 1 Surr: BFB 94.1 37.7-212 %Rec 1 10/21/2022 3:09:43 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 10/21/2022 3:09:43 PM 1 Toluene ND 0.047 mg/Kg 1 10/21/2022 3:09:43 PM Ethylbenzene ND 0.047 mg/Kg 1 10/21/2022 3:09:43 PM Xylenes, Total ND 0.095 mg/Kg 1 10/21/2022 3:09:43 PM Surr: 4-Bromofluorobenzene 98.8 70-130 %Rec 1 10/21/2022 3:09:43 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 10/23/2022 10:44:37 PM ma/Ka 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 POL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

Analyte detected in the associated Method Blank в

Е Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

Reporting Limit RL

Page 2 of 25

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-44 2.5' **Project:** Papas Fritas 27 CTB1 Collection Date: 10/18/2022 8:40:00 AM Lab ID: 2210A33-003 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 15 mg/Kg 1 10/24/2022 3:07:08 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 10/24/2022 3:07:08 PM Surr: DNOP 102 21-129 %Rec 1 10/24/2022 3:07:08 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2022 4:20:13 PM 4.7 mg/Kg 1 Surr: BFB 91.3 37.7-212 %Rec 1 10/21/2022 4:20:13 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 10/21/2022 4:20:13 PM 1 Toluene ND 0.047 mg/Kg 1 10/21/2022 4:20:13 PM Ethylbenzene ND 0.047 mg/Kg 1 10/21/2022 4:20:13 PM Xylenes, Total ND 0.095 mg/Kg 1 10/21/2022 4:20:13 PM Surr: 4-Bromofluorobenzene 96.7 70-130 %Rec 1 10/21/2022 4:20:13 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 61 10/23/2022 10:57:02 PM ma/Ka 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 POL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

Reporting Limit RL

Page 3 of 25

Lab ID:

Analyses

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-08 1' Papas Fritas 27 CTB1 Collection Date: 10/18/2022 8:45:00 AM 2210A33-004 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH 10/24/2022 3:20:49 PM Dissol Banga Organica (DBO) 4 ------. Μ Μ В М Μ

| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/24/2022 3:20:49 PM |
|----------------------------------|------|----------|-------|----|------------------------|
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/24/2022 3:20:49 PM |
| Surr: DNOP | 102 | 21-129 | %Rec | 1 | 10/24/2022 3:20:49 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/21/2022 4:43:41 PM |
| Surr: BFB | 91.1 | 37.7-212 | %Rec | 1 | 10/21/2022 4:43:41 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/21/2022 4:43:41 PM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/21/2022 4:43:41 PM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/21/2022 4:43:41 PM |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/21/2022 4:43:41 PM |
| Surr: 4-Bromofluorobenzene | 96.2 | 70-130 | %Rec | 1 | 10/21/2022 4:43:41 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/23/2022 11:09:26 PM |
| | | | | | |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL

Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

Analyte detected in the associated Method Blank в

Е Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 4 of 25

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-28 2.5' **Project:** Papas Fritas 27 CTB1 Collection Date: 10/18/2022 9:15:00 AM Lab ID: 2210A33-005 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/24/2022 12:09:17 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/24/2022 12:09:17 PM Surr: DNOP 99.3 21-129 %Rec 1 10/24/2022 12:09:17 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2022 5:07:03 PM 4.6 mg/Kg 1 Surr: BFB 93.0 37.7-212 %Rec 1 10/21/2022 5:07:03 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.023 mg/Kg 10/21/2022 5:07:03 PM 1 Toluene ND 0.046 mg/Kg 1 10/21/2022 5:07:03 PM Ethylbenzene ND 0.046 mg/Kg 1 10/21/2022 5:07:03 PM Xylenes, Total ND 0.093 mg/Kg 1 10/21/2022 5:07:03 PM Surr: 4-Bromofluorobenzene 98.3 70-130 %Rec 1 10/21/2022 5:07:03 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 10/23/2022 11:21:50 PM ma/Ka 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 POL

Practical Quanitative Limit S

% Recovery outside of standard limits. If undiluted results may be estimated.

Analyte detected in the associated Method Blank в

Е Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

Reporting Limit RL

Page 5 of 25

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-29 2.5' **Project:** Papas Fritas 27 CTB1 Collection Date: 10/18/2022 9:20:00 AM Lab ID: 2210A33-006 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/24/2022 12:33:36 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/24/2022 12:33:36 PM 21-129 Surr: DNOP 100 %Rec 1 10/24/2022 12:33:36 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2022 5:30:34 PM 4.6 mg/Kg 1 Surr: BFB 92.9 37.7-212 %Rec 1 10/21/2022 5:30:34 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.023 mg/Kg 10/21/2022 5:30:34 PM 1 Toluene ND 0.046 mg/Kg 1 10/21/2022 5:30:34 PM Ethylbenzene ND 0.046 mg/Kg 1 10/21/2022 5:30:34 PM Xylenes, Total ND 0.093 mg/Kg 1 10/21/2022 5:30:34 PM Surr: 4-Bromofluorobenzene 98.3 70-130 %Rec 1 10/21/2022 5:30:34 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride 220 60 10/23/2022 12:24:01 PM ma/Ka 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 POL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

Reporting Limit RL

Page 6 of 25

Lab ID:

Analyses

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-30 2.5' Papas Fritas 27 CTB1 Collection Date: 10/18/2022 9:25:00 AM 2210A33-007 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH 10/24/2022 12:57:51 PM Dissol Banga Organica (DBO) 40 -----. ΡM ΡM SB РΜ РМ

| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/24/2022 12:57:51 PM |
|----------------------------------|------|----------|-------|----|------------------------|
| Motor Oil Range Organics (MRO) | ND | 44 | mg/Kg | 1 | 10/24/2022 12:57:51 PM |
| Surr: DNOP | 103 | 21-129 | %Rec | 1 | 10/24/2022 12:57:51 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/21/2022 5:54:01 PM |
| Surr: BFB | 89.3 | 37.7-212 | %Rec | 1 | 10/21/2022 5:54:01 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/21/2022 5:54:01 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/21/2022 5:54:01 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/21/2022 5:54:01 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/21/2022 5:54:01 PM |
| Surr: 4-Bromofluorobenzene | 94.6 | 70-130 | %Rec | 1 | 10/21/2022 5:54:01 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 1600 | 60 | mg/Kg | 20 | 10/23/2022 1:01:15 PM |
| | | | | | |

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

Qualifiers:

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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

Analyte detected in the associated Method Blank в

Е Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 7 of 25

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-31 2.5' Collection Date: 10/18/2022 9:30:00 AM Received Date: 10/20/2022 7:55:00 AM

| Lab ID: 2210A33-008 | Matrix: SOIL Received Date: 10/20/2022 7: | | | | 2022 7:55:00 AM |
|----------------------------------|---|----------|----------|----|-----------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/24/2022 1:22:10 PM |
| Motor Oil Range Organics (MRO) | ND | 45 | mg/Kg | 1 | 10/24/2022 1:22:10 PM |
| Surr: DNOP | 107 | 21-129 | %Rec | 1 | 10/24/2022 1:22:10 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/21/2022 6:17:32 PM |
| Surr: BFB | 90.6 | 37.7-212 | %Rec | 1 | 10/21/2022 6:17:32 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/21/2022 6:17:32 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/21/2022 6:17:32 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/21/2022 6:17:32 PM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/21/2022 6:17:32 PM |
| Surr: 4-Bromofluorobenzene | 95.2 | 70-130 | %Rec | 1 | 10/21/2022 6:17:32 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 850 | 60 | mg/Kg | 20 | 10/23/2022 1:38:29 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

Not Detected at the Reporting Limit

ND PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 8 of 25

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-11 2' Collection Date: 10/18/2022 9:35:00 AM Received Date: 10/20/2022 7:55:00 AM

| Lab ID: 2210A33-009 | Matrix: SOIL Received Date: 10/20/2022 7:55:00 A | | | | 2022 7:55:00 AM |
|----------------------------------|--|----------|---------|----|-----------------------|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/24/2022 1:46:20 PM |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/24/2022 1:46:20 PM |
| Surr: DNOP | 91.1 | 21-129 | %Rec | 1 | 10/24/2022 1:46:20 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/21/2022 6:41:13 PM |
| Surr: BFB | 87.8 | 37.7-212 | %Rec | 1 | 10/21/2022 6:41:13 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/21/2022 6:41:13 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/21/2022 6:41:13 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/21/2022 6:41:13 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/21/2022 6:41:13 PM |
| Surr: 4-Bromofluorobenzene | 93.5 | 70-130 | %Rec | 1 | 10/21/2022 6:41:13 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 120 | 60 | mg/Kg | 20 | 10/23/2022 1:50:54 PM |

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

Qualifiers:

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

н

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL

Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

Analyte detected in the associated Method Blank в

Above Quantitation Range/Estimated Value Е

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 9 of 25

Analytical Report
Lab Order 2210A33

Date Reported: 10/28/2022

10/21/2022 7:04:41 PM

10/23/2022 2:28:08 PM

Analyst: JMT

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-15 1' **Project:** Papas Fritas 27 CTB1 Collection Date: 10/18/2022 9:40:00 AM Lab ID: 2210A33-010 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: DGH Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/24/2022 2:10:37 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/24/2022 2:10:37 PM 21-129 Surr: DNOP 97.3 %Rec 1 10/24/2022 2:10:37 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2022 7:04:41 PM 4.9 mg/Kg 1 Surr: BFB 93.5 37.7-212 %Rec 1 10/21/2022 7:04:41 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 10/21/2022 7:04:41 PM 1 Toluene ND 0.049 mg/Kg 1 10/21/2022 7:04:41 PM Ethylbenzene ND 0.049 mg/Kg 1 10/21/2022 7:04:41 PM Xylenes, Total ND 0.099 mg/Kg 1 10/21/2022 7:04:41 PM

98.9

66

70-130

60

%Rec

ma/Ka

1

20

EPA METHOD 300.0: ANIONS Chloride

Surr: 4-Bromofluorobenzene

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 standard limits. If undiluted results may be estimated.

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

RL Reporting Limit

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-16 1' Collection Date: 10/18/2022 9:45:00 AM Received Date: 10/20/2022 7:55:00 AM

| Lab ID: 2210A33-011 | Matrix: SOIL Received E | | | | 2022 7:55:00 AM |
|----------------------------------|-------------------------|----------|----------|----|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/24/2022 11:39:43 AM |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/24/2022 11:39:43 AM |
| Surr: DNOP | 94.4 | 21-129 | %Rec | 1 | 10/24/2022 11:39:43 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/21/2022 7:28:11 PM |
| Surr: BFB | 91.6 | 37.7-212 | %Rec | 1 | 10/21/2022 7:28:11 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/21/2022 7:28:11 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/21/2022 7:28:11 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/21/2022 7:28:11 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/21/2022 7:28:11 PM |
| Surr: 4-Bromofluorobenzene | 97.0 | 70-130 | %Rec | 1 | 10/21/2022 7:28:11 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 130 | 60 | mg/Kg | 20 | 10/23/2022 2:40:33 PM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL

Practical Quanitative Limit % Recovery outside of standard limits. If undiluted results may be estimated. S

Analyte detected in the associated Method Blank в

- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 11 of 25

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-10 1' **Project:** Papas Fritas 27 CTB1 Collection Date: 10/18/2022 10:55:00 AM Lab ID: 2210A33-012 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND 15 mg/Kg 1 10/24/2022 12:03:20 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/24/2022 12:03:20 PM Surr: DNOP 94.1 21-129 %Rec 1 10/24/2022 12:03:20 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2022 8:38:42 PM 4.9 mg/Kg 1 Surr: BFB 90.4 37.7-212 %Rec 1 10/21/2022 8:38:42 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 10/21/2022 8:38:42 PM 1 Toluene ND 0.049 mg/Kg 1 10/21/2022 8:38:42 PM

ND

ND

95.5

760

0.049

0.099

70-130

60

mg/Kg

mg/Kg

%Rec

ma/Ka

1

1

1

20

Analyst: **JMT**

10/21/2022 8:38:42 PM

10/21/2022 8:38:42 PM

10/21/2022 8:38:42 PM

10/23/2022 2:52:57 PM

Chloride

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210A33

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/28/2022 Client Sample ID: BES22-35 2.5' Collection Date: 10/18/2022 11:00:00 AM

Lab ID: 2210A33-013 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND 15 mg/Kg 1 10/24/2022 12:27:01 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/24/2022 12:27:01 PM Surr: DNOP 92.8 21-129 %Rec 1 10/24/2022 12:27:01 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2022 9:02:14 PM 4.6 mg/Kg 1 Surr: BFB 90.2 37.7-212 %Rec 1 10/21/2022 9:02:14 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.023 mg/Kg 10/21/2022 9:02:14 PM 1 Toluene ND 0.046 mg/Kg 1 10/21/2022 9:02:14 PM Ethylbenzene ND 0.046 mg/Kg 1 10/21/2022 9:02:14 PM Xylenes, Total ND 0.092 mg/Kg 1 10/21/2022 9:02:14 PM Surr: 4-Bromofluorobenzene 95.6 70-130 %Rec 1 10/21/2022 9:02:14 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 10/23/2022 3:05:22 PM ma/Ka 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

D Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit POL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

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

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CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-36 2.5' Collection Date: 10/18/2022 11:05:00 AM Received Date: 10/20/2022 7:55:00 AM

| Lab ID: 2210A33-014 | Matrix: SOIL | Rece | Received Date: 10/20/2022 7:55:00 AM | | | | |
|----------------------------------|--------------|----------|--------------------------------------|----|------------------------|--|--|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: JME | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/24/2022 12:50:42 PM | | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/24/2022 12:50:42 PM | | |
| Surr: DNOP | 95.5 | 21-129 | %Rec | 1 | 10/24/2022 12:50:42 PM | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/21/2022 9:25:53 PM | | |
| Surr: BFB | 89.9 | 37.7-212 | %Rec | 1 | 10/21/2022 9:25:53 PM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/21/2022 9:25:53 PM | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/21/2022 9:25:53 PM | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/21/2022 9:25:53 PM | | |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/21/2022 9:25:53 PM | | |
| Surr: 4-Bromofluorobenzene | 95.8 | 70-130 | %Rec | 1 | 10/21/2022 9:25:53 PM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | | |
| Chloride | 98 | 59 | mg/Kg | 20 | 10/23/2022 3:17:47 PM | | |

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

Qualifiers:

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

- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Project:

CLIENT: Vertex Resources Services, Inc.

Papas Fritas 27 CTB1

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-37 2.5' Collection Date: 10/18/2022 11:10:00 AM Received Date: 10/20/2022 7:55:00 AM

| Lab ID: 2210A33-015 | Matrix: SOIL | Recei | ved Date: | 10/20/ | 2022 7:55:00 AM |
|----------------------------------|--------------|----------|-----------|--------|-----------------------|
| Analyses | Result | RL Qua | l Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/24/2022 1:14:26 PM |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/24/2022 1:14:26 PM |
| Surr: DNOP | 93.4 | 21-129 | %Rec | 1 | 10/24/2022 1:14:26 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/21/2022 9:49:32 PM |
| Surr: BFB | 90.3 | 37.7-212 | %Rec | 1 | 10/21/2022 9:49:32 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/21/2022 9:49:32 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/21/2022 9:49:32 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/21/2022 9:49:32 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/21/2022 9:49:32 PM |
| Surr: 4-Bromofluorobenzene | 95.2 | 70-130 | %Rec | 1 | 10/21/2022 9:49:32 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 390 | 60 | mg/Kg | 20 | 10/23/2022 3:30:12 PM |

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

Qualifiers:

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

- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 15 of 25

Project:

Lab ID:

Analyses

Benzene

Toluene

Chloride

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

10/21/2022 10:13:11 PM

10/23/2022 3:42:37 PM

Analyst: JMT

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: BES22-38 2.5' Papas Fritas 27 CTB1 Collection Date: 10/18/2022 11:35:00 AM 2210A33-016 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND 15 mg/Kg 1 10/24/2022 1:38:12 PM Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/24/2022 1:38:12 PM Surr: DNOP 94.0 21-129 %Rec 1 10/24/2022 1:38:12 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2022 10:13:11 PM 4.8 mg/Kg 1 Surr: BFB 92.5 37.7-212 %Rec 1 10/21/2022 10:13:11 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB

0.024

0.048

0.048

0.096

70-130

60

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

ma/Ka

1

1

1

1

1

20

ND

ND

ND

ND

98.6

ND

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

Qualifiers:

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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

POL

Practical Quanitative Limit S

% Recovery outside of standard limits. If undiluted results may be estimated.

- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

Reporting Limit RL

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Project:

Lab ID:

Analyses

Surr: DNOP

Chloride

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

10/23/2022 3:55:01 PM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-24 1' Papas Fritas 27 CTB1 Collection Date: 10/18/2022 1:00:00 PM 2210A33-017 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed** EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: JME **Diesel Range Organics (DRO)** 10/24/2022 2:01:57 PM ND 15 mg/Kg 1 Motor Oil Range Organics (MRO) ND 50 mg/Kg 1 10/24/2022 2:01:57 PM 95.4 21-129 %Rec 1 10/24/2022 2:01:57 PM EPA METHOD 8015D: GASOLINF RANGE Analvst: NSB 6:51 PM

| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
|----------------------------------|------|----------|-------|---|------------------------|
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 10/21/2022 10:36:51 PM |
| Surr: BFB | 90.3 | 37.7-212 | %Rec | 1 | 10/21/2022 10:36:51 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.023 | mg/Kg | 1 | 10/21/2022 10:36:51 PM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/21/2022 10:36:51 PM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/21/2022 10:36:51 PM |
| Xylenes, Total | ND | 0.093 | mg/Kg | 1 | 10/21/2022 10:36:51 PM |
| Surr: 4-Bromofluorobenzene | 95.0 | 70-130 | %Rec | 1 | 10/21/2022 10:36:51 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |

60

ma/Ka

20

ND

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 standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analytical Report
Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-13 2' **Project:** Papas Fritas 27 CTB1 Collection Date: 10/18/2022 1:15:00 PM Lab ID: 2210A33-018 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Analyses Result **RL** Qual Units DF **Date Analyzed** EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: JME **Diesel Range Organics (DRO)** ND 14 mg/Kg 1 10/24/2022 2:25:40 PM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/24/2022 2:25:40 PM Surr: DNOP 93.5 21-129 %Rec 1 10/24/2022 2:25:40 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2022 11:00:28 PM 4.7 mg/Kg 1 Surr: BFB 92.7 37.7-212 %Rec 1 10/21/2022 11:00:28 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB

| Benzene | ND | 0.023 | mg/Kg | 1 | 10/21/2022 11:00:28 PM |
|----------------------------|------|--------|-------|----|------------------------|
| Toluene | ND | 0.047 | mg/Kg | 1 | 10/21/2022 11:00:28 PM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 10/21/2022 11:00:28 PM |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 10/21/2022 11:00:28 PM |
| Surr: 4-Bromofluorobenzene | 98.5 | 70-130 | %Rec | 1 | 10/21/2022 11:00:28 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/23/2022 4:07:26 PM |

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

Qualifiers:

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

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

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Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

10/23/2022 11:34:15 PM

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-14 2' **Project:** Papas Fritas 27 CTB1 Collection Date: 10/18/2022 1:20:00 PM Lab ID: 2210A33-019 Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: JME Diesel Range Organics (DRO) ND 15 mg/Kg 1 10/24/2022 2:49:26 PM Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 10/24/2022 2:49:26 PM 21-129 Surr: DNOP 93.4 %Rec 1 10/24/2022 2:49:26 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 10/21/2022 11:24:08 PM 4.9 mg/Kg 1 Surr: BFB 90.8 37.7-212 %Rec 1 10/21/2022 11:24:08 PM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 10/21/2022 11:24:08 PM 1 Toluene ND 0.049 mg/Kg 1 10/21/2022 11:24:08 PM Ethylbenzene ND 0.049 mg/Kg 1 10/21/2022 11:24:08 PM Xylenes, Total ND 0.097 mg/Kg 1 10/21/2022 11:24:08 PM Surr: 4-Bromofluorobenzene 95.4 70-130 %Rec 1 10/21/2022 11:24:08 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT

160

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

Qualifiers:

Chloride

Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix

- D Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit POL
 - Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range Reporting Limit

RL

61

ma/Ka

20

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Papas Fritas 27 CTB1

2210A33-020

Project:

Lab ID:

Analytical Report Lab Order 2210A33

Date Reported: 10/28/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Vertex Resources Services, Inc. Client Sample ID: WES22-18 1' Collection Date: 10/18/2022 1:45:00 PM Matrix: SOIL Received Date: 10/20/2022 7:55:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|---------|----------|----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OF | RGANICS | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/24/2022 3:13:14 PM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/24/2022 3:13:14 PM |
| Surr: DNOP | 95.4 | 21-129 | %Rec | 1 | 10/24/2022 3:13:14 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/21/2022 11:47:47 PM |
| Surr: BFB | 88.2 | 37.7-212 | %Rec | 1 | 10/21/2022 11:47:47 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/21/2022 11:47:47 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/21/2022 11:47:47 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/21/2022 11:47:47 PM |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/21/2022 11:47:47 PM |
| Surr: 4-Bromofluorobenzene | 93.6 | 70-130 | %Rec | 1 | 10/21/2022 11:47:47 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 180 | 60 | mg/Kg | 20 | 10/23/2022 4:44:41 PM |

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

Qualifiers:

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

- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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| | x Resources Services, Inc. Fritas 27 CTB1 | | | |
|-----------------------|--|---------------------------|---------------------|---------------|
| Sample ID: MB-70995 | SampType: MBLK | TestCode: EPA Method | 300.0: Anions | |
| Client ID: PBS | Batch ID: 70995 | RunNo: 92015 | | |
| Prep Date: 10/21/2022 | Analysis Date: 10/21/2022 | SeqNo: 3301708 | Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual |
| Chloride | ND 1.5 | | | |
| Sample ID: LCS-70995 | SampType: LCS | TestCode: EPA Method | 300.0: Anions | |
| Client ID: LCSS | Batch ID: 70995 | RunNo: 92015 | | |
| Prep Date: 10/21/2022 | Analysis Date: 10/21/2022 | SeqNo: 3301709 | Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual |
| Chloride | 14 1.5 15.00 | 0 93.4 90 | 110 | |
| Sample ID: MB-70996 | SampType: mblk | TestCode: EPA Method | 300.0: Anions | |
| Client ID: PBS | Batch ID: 70996 | RunNo: 92023 | | |
| Prep Date: 10/21/2022 | Analysis Date: 10/23/2022 | SeqNo: 3301998 | Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual |
| Chloride | ND 1.5 | | | |
| Sample ID: LCS-70996 | SampType: Ics | TestCode: EPA Method | 300.0: Anions | |
| Client ID: LCSS | Batch ID: 70996 | RunNo: 92023 | | |
| Prep Date: 10/21/2022 | Analysis Date: 10/23/2022 | SeqNo: 3301999 | Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual |
| Chloride | 14 1.5 15.00 | 0 95.0 90 | 110 | |
| Sample ID: MB-70995 | SampType: mblk | TestCode: EPA Method | 300.0: Anions | |
| Client ID: PBS | Batch ID: 70995 | RunNo: 92023 | | |
| Prep Date: 10/21/2022 | Analysis Date: 10/23/2022 | SeqNo: 3302027 | Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual |
| Chloride | ND 1.5 | | | |
| Sample ID: LCS-70995 | SampType: Ics | TestCode: EPA Method | 300.0: Anions | |
| Client ID: LCSS | Batch ID: 70995 | RunNo: 92023 | | |
| Prep Date: 10/21/2022 | Analysis Date: 10/23/2022 | SeqNo: 3302028 | Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual |
| Chloride | 14 1.5 15.00 | 0 93.4 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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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| Client: Project: | | esources Ser tas 27 CTB | | Inc. | | | | | | | |
|---------------------|------------------|----------------------------|---------------|-----------|-------------|-------------------|-----------|--------------|------------|------------|------|
| Sample ID: | LCS-70987 | SampTy | pe: LC | S | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | LCSS | Batch I | ID: 70 | 987 | F | RunNo: 9 2 | 2025 | | | | |
| Prep Date: | 10/21/2022 | Analysis Da | te: 10 |)/24/2022 | S | SeqNo: 3 | 302245 | Units: mg/k | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | 43 | 15 | 50.00 | 0 | 86.5 | 64.4 | 127 | | | |
| Surr: DNOP | | 4.4 | | 5.000 | | 88.5 | 21 | 129 | | | |
| Sample ID: | MB-70987 | SampTy | pe: Me | BLK | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | PBS | Batch I | ID: 70 | 987 | F | RunNo: 92 | 2025 | | | | |
| Prep Date: | 10/21/2022 | Analysis Da | te: 10 |)/24/2022 | S | SeqNo: 3 | 302247 | Units: mg/k | ٤g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | ND | 15 | | | | | | | | |
| Motor Oil Rang | e Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | | 9.8 | | 10.00 | | 98.0 | 21 | 129 | | | |
| Sample ID: | 2210A33-001AMS | SampTy | pe: MS | 6 | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | BES22-41 2.5' | Batch I | ID: 70 | 987 | F | RunNo: 92 | 2025 | | | | |
| Prep Date: | 10/21/2022 | Analysis Da | te: 10 |)/24/2022 | S | SeqNo: 3 | 302439 | Units: mg/k | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | 40 | 14 | 45.75 | 0 | 87.1 | 36.1 | 154 | | | |
| Surr: DNOP | | 4.2 | | 4.575 | | 92.3 | 21 | 129 | | | |
| Sample ID: | 2210A33-001AMS | D SampTy | pe: MS | SD. | Tes | tCode: EF | PA Method | 8015M/D: Di | esel Range | e Organics | |
| Client ID: | BES22-41 2.5' | Batch I | ID: 70 | 987 | F | RunNo: 92 | 2025 | | | | |
| Prep Date: | 10/21/2022 | Analysis Da | te: 10 |)/24/2022 | S | SeqNo: 3 | 302440 | Units: mg/k | ٤g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | 40 | 14 | 45.00 | 0 | 89.7 | 36.1 | 154 | 1.34 | 33.9 | |
| Surr: DNOP | | 4.3 | | 4.500 | | 94.7 | 21 | 129 | 0 | 0 | |

Qualifiers:

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- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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| Client: Project: | | esources S tas 27 CTI | | , Inc. | | | | | | | | | | |
|-----------------------------|-----------------|--------------------------|-----------------|-----------|-------------|-------------------|-----------|---------------------|-----------|----------|------|--|--|--|
| Sample ID: I | mb-70953 | SampT | Гуре: МЕ | BLK | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | | | | |
| Client ID: I | PBS | Batch | h ID: 70 | 953 | F | RunNo: 9 2 | 2004 | | | | | | | |
| Prep Date: | 10/20/2022 | Analysis D |)ate: 10 |)/21/2022 | S | SeqNo: 3 | 300850 | Units: mg/Kg | | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | |
| Gasoline Range Surr: BFB | Organics (GRO) | ND 960 | 5.0 | 1000 | | 96.3 | 37.7 | 212 | | | | | | |
| Sample ID: I | lcs-70953 | SampT | ype: LC | S | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | | | | |
| Client ID: | LCSS | Batch | h ID: 70 | 953 | F | RunNo: 9 2 | 2004 | | | | | | | |
| Prep Date: | 10/20/2022 | Analysis D |)ate: 10 |)/21/2022 | S | SeqNo: 3 | 300851 | Units: mg/K | g | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | |
| Gasoline Range | Organics (GRO) | 26 | 5.0 | 25.00 | 0 | 103 | 72.3 | 137 | | | | | | |
| Surr: BFB | | 3200 | | 1000 | | 316 | 37.7 | 212 | | | S | | | |
| Sample ID: | 2210a33-001ams | SampT | Гуре: М | 6 | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | | | | |
| Client ID: | BES22-41 2.5' | Batch | h ID: 70 | 953 | F | RunNo: 9 2 | 2004 | | | | | | | |
| Prep Date: | 10/20/2022 | Analysis D |)ate: 10 |)/21/2022 | S | SeqNo: 3 | 300853 | Units: mg/Kg | | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | |
| Gasoline Range | Organics (GRO) | 29 | 5.0 | 24.80 | 0 | 115 | 70 | 130 | | | | | | |
| Surr: BFB | | 2000 | | 992.1 | | 205 | 37.7 | 212 | | | | | | |
| Sample ID: | 2210a33-001amsd | SampT | Гуре: МS | SD | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | | | | |
| Client ID: | BES22-41 2.5' | Batch | h ID: 70 | 953 | F | RunNo: 9 2 | 2004 | | | | | | | |
| Prep Date: | 10/20/2022 | Analysis D |)ate: 10 |)/21/2022 | S | SeqNo: 3 | 300854 | Units: mg/K | g | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | |
| Gasoline Range | Organics (GRO) | 29 | 4.9 | 24.73 | 0 | 116 | 70 | 130 | 0.533 | 20 | | | | |
| Surr: BFB | | 2100 | | 989.1 | | 208 | 37.7 | 212 | 0 | 0 | | | | |
| Sample ID: I | mb-70932 | SampT | ype: ME | BLK | Tes | tCode: El | PA Method | 8015D: Gasol | line Rang | e | | | | |
| Client ID: | PBS | Batch | h ID: 70 | 932 | F | RunNo: 9 2 | 2004 | | | | | | | |
| Prep Date: | 10/19/2022 | Analysis D | Date: 10 |)/22/2022 | S | SeqNo: 3 | 300881 | Units: %Rec | : | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | |
| Surr: BFB | | 900 | | 1000 | | 89.6 | 37.7 | 212 | | | | | | |
| Sample ID: I | lcs-70932 | SampT | Type: LC | S | Tes | tCode: El | PA Method | 8015D: Gasol | line Rang | e | | | | |
| Client ID: | | | h ID: 70 | | F | RunNo: 9 ; | 2004 | | U | | | | | |
| Prep Date: | | Analysis D | Date: 10 |)/22/2022 | S | SeqNo: 3 | 300882 | Units: %Rec | : | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | |
| Surr: BFB | | 2000 | | 1000 | | 196 | 37.7 | 212 | = | | | | | |

Qualifiers:

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

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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quantitation limits

| Client: Project: | | esources S tas 27 CTI | | Inc. | | | | | | | | | |
|---------------------|-----------------|--------------------------|-----------------|-----------|-------------|-------------------|-----------|--------------|-------|----------|------|--|--|
| Sample ID: | mb-70953 | SampT | уре: МЕ | BLK | Tes | tCode: EF | PA Method | 8021B: Vola | tiles | | | | |
| Client ID: | PBS | Batch | n ID: 70 | 953 | F | RunNo: 9 2 | | | | | | | |
| Prep Date: | 10/20/2022 | Analysis D | Date: 10 |)/21/2022 | S | SeqNo: 3 | 300919 | Units: mg/Kg | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Benzene | | ND | 0.025 | | | | | | | | | | |
| Toluene | | ND | 0.050 | | | | | | | | | | |
| Ethylbenzene | | ND | 0.050 | | | | | | | | | | |
| Xylenes, Total | | ND | 0.10 | | | | | | | | | | |
| Surr: 4-Brom | ofluorobenzene | 1.0 | | 1.000 | | 100 | 70 | 130 | | | | | |
| Sample ID: | LCS-70953 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8021B: Vola | tiles | | | | |
| Client ID: | LCSS | Batch | n ID: 70 | 953 | F | RunNo: 9 2 | 2004 | | | | | | |
| Prep Date: | 10/20/2022 | Analysis D | Date: 10 |)/21/2022 | S | SeqNo: 3 | 300920 | Units: mg/Kg | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Benzene | | 1.0 | 0.025 | 1.000 | 0 | 99.7 | 80 | 120 | | | | | |
| Toluene | | 1.0 | 0.050 | 1.000 | 0 | 101 | 80 | 120 | | | | | |
| Ethylbenzene | | 1.0 | 0.050 | 1.000 | 0 | 100 | 80 | 120 | | | | | |
| Xylenes, Total | | 3.0 | 0.10 | 3.000 | 0 | 101 | 80 | 120 | | | | | |
| Surr: 4-Brom | ofluorobenzene | 1.0 | | 1.000 | | 100 | 70 | 130 | | | | | |
| Sample ID: | 2210a33-002ams | SampT | уре: МS | 3 | Tes | tCode: EF | | | | | | | |
| Client ID: | BES22-42 2.5' | Batch | n ID: 70 | 953 | F | RunNo: 9 2 | | | | | | | |
| Prep Date: | 10/20/2022 | Analysis D | Date: 10 |)/21/2022 | S | SeqNo: 3 | 300923 | Units: mg/k | ٢g | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Benzene | | 0.97 | 0.024 | 0.9470 | 0.01307 | 101 | 68.8 | 120 | | | | | |
| Toluene | | 1.0 | 0.047 | 0.9470 | 0.01354 | 104 | 73.6 | 124 | | | | | |
| Ethylbenzene | | 1.0 | 0.047 | 0.9470 | 0 | 106 | 72.7 | 129 | | | | | |
| Xylenes, Total | | 3.0 | 0.095 | 2.841 | 0.01932 | 106 | 75.7 | 126 | | | | | |
| Surr: 4-Brom | ofluorobenzene | 0.92 | | 0.9470 | | 96.9 | 70 | 130 | | | | | |
| Sample ID: | 2210a33-002amsd | SampT | туре: М | SD | Tes | tCode: EF | PA Method | 8021B: Vola | tiles | | | | |
| Client ID: | BES22-42 2.5' | Batch | n ID: 70 | 953 | F | RunNo: 9 2 | 2004 | | | | | | |
| Prep Date: | 10/20/2022 | Analysis D | Date: 10 |)/21/2022 | S | SeqNo: 3 | 300924 | Units: mg/k | ٢g | | | | |
| Analyte | | Result | PQL | | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Benzene | | 0.95 | 0.024 | 0.9461 | 0.01307 | 99.0 | 68.8 | 120 | 2.16 | 20 | | | |
| Toluene | | 0.97 | 0.047 | 0.9461 | 0.01354 | 102 | 73.6 | 124 | 2.92 | 20 | | | |
| Ethylbenzene | | 0.99 | 0.047 | 0.9461 | 0 | 104 | 72.7 | 129 | 2.01 | 20 | | | |
| Xylenes, Total | | 3.0 | 0.095 | 2.838 | 0.01932 | 104 | 75.7 | 126 | 1.31 | 20 | | | |
| Surr: 4-Brom | ofluorobenzene | 0.94 | | 0.9461 | | 99.1 | 70 | 130 | 0 | 0 | | | |

Qualifiers:

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- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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| Client: Project: | | esources S tas 27 CTI | | , Inc. | | | | | | | | | | |
|------------------------------------|-------------|--------------------------|-----------------------------------|------------------|---------------------------------------|----------------------|-----------------|--------------|-----------|----------|------|--|--|--|
| Sample ID: mb-7 | 0932 | • | ype: M | | TestCode: EPA Method 8021B: Volatiles | | | | | | | | | |
| Client ID: PBS Prep Date: 10/1 | 9/2022 | Batch Analysis D | n ID: 70 Date: 1 | 932 0/22/2022 | | RunNo: 9 SeqNo: 3 | | Units: %Red | ; | | | | | |
| Analyte | | Result | PQL | | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | |
| Surr: 4-Bromofluoro | | 0.96 | | 1.000 | | 95.5 | 70 | 130 | | | | | | |
| Sample ID: LCS- | | • | ype: LC | | | | | 8021B: Volat | iles | | | | | |
| Client ID: LCSS Prep Date: 10/1 | s 9/2022 | Batch Analysis D | n ID: 70 | 932 0/22/2022 | | RunNo: 9 SegNo: 3 | | Units: %Red | | | | | | |
| Analyte | JILULL | Result | PQL | | SPK Ref Val | %REC | LowLimit | HighLimit | , %RPD | RPDLimit | Qual | | | |
| Surr: 4-Bromofluoro | benzene | 0.96 | FQL | 1.000 | SFR Rei Vai | 96.5 | 20wLiniit 70 | 130 | /011FD | | Qual | | | |

Qualifiers:

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

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| 7. Are samples (except VOA and ONG) properly preserved? Yes No 8. Was preservative added to bottles? Yes No 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No 9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No 10. Were any sample containers received broken? Yes No NA 11. Does paperwork match bottle labels? Yes No # of preserved bottles checked for pH: (Note discrepancies on chain of custody) Yes No Adjusted? 2. Are matrices correctly identified on Chain of Custody? Yes No Adjusted? 3. Is it clear what analyses were requested? Yes No Adjusted? 4. Were all holding times able to be met? Yes No Checked by: (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No NA Person Notified: Date: | ved | ENVIRONMENTAL ANALYSIS LABORATORY | | | | ull Environm EL: 505-345- Website: ww | 490 Albuquero 3975 FAX: | I Hawki ue. NM a 505-345 | ins NE 87109 5-4107 | Page 3 mple Log-In Check List | | |
|---|-------|---|--|---|------------------|---|-------------------------------|--------------------------------|---------------------------|-------------------------------|-----------------------|-----|
| Completed By: Tracy Casarrubias 10/20/2022 8:17:28 AM Reviewed By: SCC 10/20/2022 8:17:28 AM Chain of Custody Present Clastody 1. 6 Chain of Custody complete? Yes 2. How was the sample delivered? Counter Log In | CI | lient Name: | | | Work | Order Nun | nber: 221 |)A33 | | | RcptNo: 1 | |
| Reviewed By: SCL 10[20121] Chain of Custody 1. Is Chain of Custody complete? Yes Ø No Not Present 2. How was the sample delivered? Courier Log In | Re | ceived By: | Juan Roj | as | 10/20/2 | 2022 7:55:0 | MA 0 | Hear | ang . | | | |
| Reviewed By: SCL 10[20121] Chain of Custody 1. Is Chain of Custody complete? Yes Ø No Not Present 2. How was the sample delivered? Courier Log In | Co | mpleted By: | Tracy Ca | sarrubias | 10/20/2 | 2022 8:17:2 | 8 AM | | | | | |
| 1. Is Chain of Custody complete? Yes V No Not Present 2. How was the sample delivered? Courter Log In 3. Was an attempt made to cool the samples? Yes V No NA 4. Were all samples received at a temperature of >0° C to 6.0°C Yes V No NA 5. Sample(s) in proper container(s)? Yes V No NA 6. Sufficient sample volume for indicated test(s)? Yes V No NA 7. Are samples (except VOA and ONG) properly preserved? Yes V No NA 9. Received at least 1 vial with headspace <1/4° for AQ VOA? | Re | eviewed By: S | ick to | 20/22 | | | | | | | | |
| 2. How was the sample delivered? Courrier Log In 3. Was an attempt made to cool the samples? Yes No NA 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA 5. Sample(s) in proper container(s)? Yes No NA 6. Sufficient sample volume for indicated test(s)? Yes No NA 7. Are samples (except VOA and ONG) properly preserved? Yes No NA 8. Was preservative added to bottles? Yes No NA 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | Ch | ain of Cus | tody | | | | | | | | | |
| Log In 3. Was an attempt made to cool the samples? Yes No NA 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA 5. Sample(s) in proper container(s)? Yes No NA 6. Sufficient sample volume for indicated test(s)? Yes No NA 7. Are samples (except VOA and ONG) properly preserved? Yes No NA 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 1. | Is Chain of Cu | ustody comp | lete? | | | Yes | \checkmark | No | | Not Present | |
| 3. Was an attempt made to cool the samples? Yes No NA 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA 5. Sample(s) in proper container(s)? Yes No NA 6. Sufficient sample volume for indicated test(s)? Yes No NA 7. Are samples (except VOA and ONG) properly preserved? Yes No NA 8. Was preservative added to bottles? Yes No NA 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 2. | How was the | sample deliv | vered? | | | Cou | ier | | | | |
| 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA 5. Sample(s) in proper container(s)? Yes No NA 6. Sufficient sample volume for indicated test(s)? Yes No NA 7. Are samples (except VOA and ONG) properly preserved? Yes No NA 8. Was preservative added to bottles? Yes No NA 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | Lo | og In | | | | | | | | | | |
| 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 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 3. 1 | Was an attem | pt made to | cool the sam | oles? | | 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 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 4. v | Were all samp | les received | l at a temper | ature of >0° C | to 6.0°C | Yes | | No | | NA 🗌 | |
| 7. Are samples (except VOA and ONG) properly preserved? Yes No 8. Was preservative added to bottles? Yes No 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 5. : | Sample(s) in p | proper conta | iner(s)? | | | Yes | | No | | | |
| 8. Was preservative added to bottles? Yes No NA 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | 6. 5 | Sufficient sam | ple volume f | or indicated I | est(s)? | | Yes | | No | | | |
| 9. Received at least 1 vial with headspace <1/4" for AQ VOA? | | | | | operly preserve | ed? | Yes | \checkmark | No | | | |
| 10. Were any sample containers received broken? Yes No 11. Does paperwork match bottle labels? Yes No (Note discrepancies on chain of custody) Yes No 12. Are matrices correctly identified on Chain of Custody? Yes No 13. Is it clear what analyses were requested? Yes No 14. Were all holding times able to be met? Yes No (If no, notify customer for authorization.) Yes No Special Handling (if applicable) 15. Was client notified: By Whom: Client Instructions: 16. Additional remarks: | 8. v | Vas preservat | ive added to | bottles? | | | Yes | | No | \checkmark | | |
| 11. Does paperwork match bottle labels? Yes ✓ No bottles checked for pH: (Note discrepancies on chain of custody) Yes ✓ No Adjusted? 12. Are matrices correctly identified on Chain of Custody? Yes ✓ No Adjusted? 13. Is it clear what analyses were requested? Yes ✓ No Adjusted? 14. Were all holding times able to be met? Yes ✓ No Checked by: MCL O - O Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No NA ✓ Person Notified: | 9. F | Received at lea | ast 1 vial wit | h headspace | <1/4" for AQ \ | /OA? | Yes | | No | | NA 🗹 | |
| 11. Does paperwork match bottle labels? Yes No for pH: (Note discrepancies on chain of custody) Yes No Adjusted? 12. Are matrices correctly identified on Chain of Custody? Yes No Adjusted? 13. Is it clear what analyses were requested? Yes No Adjusted? 14. Were all holding times able to be met? Yes No Checked by: Checked by: 14. Were all holding times able to be met? Yes No Checked by: Checked by: | 10. \ | Were any sam | ple containe | ers received I | oroken? | | Yes | | No | | | |
| 13. Is it clear what analyses were requested? Yes 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No Checked by: KPCL10-Э Checked by: KPCL10-Э NA Person Notified: By Whom: Client Instructions: 16. Additional remarks: | | | | | /) | | Yes | | No | | | |
| 14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes No Checked by: KPG 10-Э Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No NA Person Notified: Date: Date: Image: Client Instructions: By Whom: Via: eMail Phone Fax In Person 16. Additional remarks: 16. Additional remarks: No No No No | 12. A | re matrices c | orrectly iden | tified on Cha | in of Custody? | | Yes | ~ | No | | Adjusted? | |
| (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No NA ✓ Person Notified: Date: ✓ <td< td=""><td></td><td></td><td>and the second second</td><td>a series a second of the second second</td><td>1?</td><td></td><td>Yes</td><td></td><td>No</td><td></td><td></td><td></td></td<> | | | and the second | a series a second of the second second | 1? | | Yes | | No | | | |
| 15. Was client notified of all discrepancies with this order? Yes No NA Person Notified: Date: | | | | |) | | Yes | | No | | Checked by: KPA 10-20 |)•2 |
| Person Notified: Date: By Whom: Via: Regarding: Client Instructions: | Spee | cial Handli | ng (if app | olicable) | | | | | | | | |
| By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 16. Additional remarks: | 15.\ | Was client not | ified of all di | screpancies | with this order? | ? | Yes | | No | | NA 🗹 | |
| Regarding: | | Person I | Notified: | - | | Date | | _ | | - | | |
| Client Instructions: 16. Additional remarks: | | By Who | m: | | | Via: | 🗌 eMa | il 🔲 F | Phone | Fax | In Person | |
| 16. Additional remarks: | | | | | | | | | | | | |
| 17. Cooler Information | 16 | | | | | | | | | | | |
| | 17. | Cooler Inform | nation | | | | | | | | | |
| Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 1 2.4 Good Yes Seal No Seal Date Signed By | | Cooler No | Temp °C | the second se | | Seal No | Seal Da | te | Signed E | Зу | | |

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Page 1 of 1

| AL | | | | 02:23 PM | | | | | | | | | | | | | | | | | Page | e 301 of 3 |
|--|---|--------------------|------------------|--|---------------------------|-------------------------|-----------------------------------|---------------------------------------|--------------------|----------------|---------------|-------------|---------------|---------------|---------------|---------------|-------------|-------------|------------|------------|-----------------|------------------|
| HALL ENVIRONMENT ANALYSIS LABORATC | www.hallenvironmental.com ins NF - Alburationer NM 87400 | | Analysis Request | SMIS |) NO ^{s,} E | els , ₅ C | 8 Met 3r, No (AO) /-im9 | S) 0228 | 2 | - | | | | | | | | | | | CHARE DIXON | t ; Z0976 741 |
| | www.hall - 4901 Hawkins NF | Tel. 505-34 | | | 0 / DRC 8082 F 4.1) | 98 P Sec | esticio (tricio | 9 1808 FDB (N | | - | | | | | | | | | | | Remarks: CC: C. | WIOH! |
| lime: Z-Day ZRush | S Fritas 27 CT81 | t #: アンデーの1 417 | | llent stanings | CD Deve | | neluding CF): 2, 3+Ct. 1-2.4 (°C) | Preservative HEAL No. Type 2210A33 | 0) | 1 002 | 003 | nord | Soc | 000 | 400 | 006 | 609 | 010 | 110 | 01 | WNW Odel Time R | Date 10/20/2 |
| Dirit-Mound Standard Project Name: | 60 | Project #: |) 1 2 | Project Manager: | Sampler: C | olers: | Cooler Temp(including CF): | Container Type and # | | - | | | | | | | | | | | Received by: | Received by: |
| Criain-or-Custody Record | OD FIL | | | Level 4 (Full Validation) | □ Az Compliance | | | Matrix Sample Name | 5011 BESZZ-41 Z.S' | 8 ESZ2-42 2,5' | BESZZ-44 Z.S' | WESZ2-08 1' | BESZZ-28 2.5' | BESZ2-29 Z.S' | BESZ2-30 2.5' | 8ES22-31 2.5' | WES22-11 2' | WES22-15 1' | 1 91-22-19 | ES22-10 1' | | Relinquished by: |
| Client: | Mailing Address: | Dhono #. | | email or Fax#: QA/QC Package: Standard | | 🗆 EDD (Type) | | Date Time Ma | 10/18 8:30 Sa | 8:35 | 04:8 | Sh:2 | 9:15 | 9:20 | 6:22 | 9.30 | 9:35 | 04:6 | 51:6 | 10.55 1 | | In b2 1900 |



October 31, 2022

Kent Stallings Devon Energy 6488 Seven Rivers Highway Artesia, NM 88210 TEL: (575) 748-0176 FAX:

RE: Papas fritas 27 CTB1

OrderNo.: 2210B03

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 33 sample(s) on 10/21/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: BES22-25 2.5' Collection Date: 10/19/2022 8:45:00 AM

| Project: | Papas fritas 27 CTB1 | Collection Date: 10/19/2022 8:45:00 | | | | | | |
|----------|-------------------------|--|---|----------|----|-----------------------|--|--|
| Lab ID: | 2210B03-001 | Matrix: SOIL | Received Date: 10/21/2022 7:20:00 AM | | | | | |
| Analyses | | Result | RL Qu | al Units | DF | Date Analyzed | | |
| EPA ME | THOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst: DGH | | |
| Diesel R | ange Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 9:47:11 AM | | |
| Motor Oi | il Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/25/2022 9:47:11 AM | | |
| Surr: I | DNOP | 91.9 | 21-129 | %Rec | 1 | 10/25/2022 9:47:11 AM | | |
| EPA ME | THOD 8015D: GASOLINE RA | ANGE | | | | Analyst: NSB | | |
| Gasoline | Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/25/2022 2:27:27 AM | | |
| Surr: I | BFB | 96.3 | 37.7-212 | %Rec | 1 | 10/25/2022 2:27:27 AM | | |
| EPA ME | THOD 8021B: VOLATILES | | | | | Analyst: NSB | | |
| Benzene | 9 | ND | 0.024 | mg/Kg | 1 | 10/25/2022 2:27:27 AM | | |
| Toluene | | ND | 0.048 | mg/Kg | 1 | 10/25/2022 2:27:27 AM | | |
| Ethylben | izene | ND | 0.048 | mg/Kg | 1 | 10/25/2022 2:27:27 AM | | |
| Xylenes, | Total | ND | 0.096 | mg/Kg | 1 | 10/25/2022 2:27:27 AM | | |
| Surr: 4 | 4-Bromofluorobenzene | 103 | 70-130 | %Rec | 1 | 10/25/2022 2:27:27 AM | | |
| EPA ME | THOD 300.0: ANIONS | | | | | Analyst: JMT | | |
| Chloride | | 300 | 60 | mg/Kg | 20 | 10/24/2022 5:45:13 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
- Not Detected at the Reporting Limit
- ND PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 40

Project: Papas fritas 27 CTB1

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022

Client Sample ID: BES22-26 2.5' Collection Date: 10/19/2022 8:45:00 AM

| Lab ID: 2210B03-002 | Matrix: SOIL | Reco | Received Date: 10/21/2022 7:20:00 AM | | | | |
|--------------------------------|----------------|----------|---|----|------------------------|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL | RANGE ORGANICS | | | | Analyst: DGH | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 10:00:44 AM | | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/25/2022 10:00:44 AM | | |
| Surr: DNOP | 85.3 | 21-129 | %Rec | 1 | 10/25/2022 10:00:44 AM | | |
| EPA METHOD 8015D: GASOLIN | ERANGE | | | | Analyst: NSB | | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/25/2022 2:50:59 AM | | |
| Surr: BFB | 98.2 | 37.7-212 | %Rec | 1 | 10/25/2022 2:50:59 AM | | |
| EPA METHOD 8021B: VOLATILE | S | | | | Analyst: NSB | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/25/2022 2:50:59 AM | | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/25/2022 2:50:59 AM | | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/25/2022 2:50:59 AM | | |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 10/25/2022 2:50:59 AM | | |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/25/2022 2:50:59 AM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | | |
| Chloride | 97 | 60 | mg/Kg | 20 | 10/24/2022 5:57:38 PM | | |
| | | | | | | | |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

ND PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 2 of 40

Papas fritas 27 CTB1

2210B03-003

Project:

Lab ID:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: BES22-27 2.5' Collection Date: 10/19/2022 8:55:00 AM

Received Date: 10/21/2022 7:20:00 AM

| Analyses | Result | RL Qu | ual Units | DF | Date Analyzed |
|--------------------------------------|--------|----------|-----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORG | SANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 10:14:26 AM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/25/2022 10:14:26 AM |
| Surr: DNOP | 93.7 | 21-129 | %Rec | 1 | 10/25/2022 10:14:26 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/25/2022 3:14:27 AM |
| Surr: BFB | 87.5 | 37.7-212 | %Rec | 1 | 10/25/2022 3:14:27 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/25/2022 3:14:27 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 3:14:27 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 3:14:27 AM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/25/2022 3:14:27 AM |
| Surr: 4-Bromofluorobenzene | 93.4 | 70-130 | %Rec | 1 | 10/25/2022 3:14:27 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 790 | 60 | mg/Kg | 20 | 10/24/2022 7:24:30 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

% Recovery outside of standard limits. If undiluted results may be estimated. S

Analyte detected in the associated Method Blank в

Above Quantitation Range/Estimated Value Е

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 3 of 40

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: WES22-19 1'

| | 07 | 1 | | | | | | |
|---------------------|-------------------------|--|---|-------|----|------------------------|--|--|
| Project: | Papas fritas 27 CTB1 | Collection Date: 10/19/2022 9:00:00 AM | | | | | | |
| Lab ID: 2210B03-004 | | Matrix: SOIL | Received Date: 10/21/2022 7:20:00 AM | | | | | |
| Analyses | | Result | RL Qual | Units | DF | Date Analyzed | | |
| EPA ME | THOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst: DGH | | |
| Diesel R | ange Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 10:27:57 AM | | |
| Motor O | il Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/25/2022 10:27:57 AM | | |
| Surr: | DNOP | 88.5 | 21-129 | %Rec | 1 | 10/25/2022 10:27:57 AM | | |
| EPA ME | THOD 8015D: GASOLINE R | ANGE | | | | Analyst: NSB | | |
| Gasoline | e Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/25/2022 3:37:53 AM | | |
| Surr: | BFB | 91.3 | 37.7-212 | %Rec | 1 | 10/25/2022 3:37:53 AM | | |
| EPA ME | THOD 8021B: VOLATILES | | | | | Analyst: NSB | | |
| Benzene | e | ND | 0.025 | mg/Kg | 1 | 10/25/2022 3:37:53 AM | | |
| Toluene | | ND | 0.049 | mg/Kg | 1 | 10/25/2022 3:37:53 AM | | |
| Ethylber | nzene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 3:37:53 AM | | |
| Xylenes | , Total | ND | 0.098 | mg/Kg | 1 | 10/25/2022 3:37:53 AM | | |
| Surr: | 4-Bromofluorobenzene | 97.4 | 70-130 | %Rec | 1 | 10/25/2022 3:37:53 AM | | |
| EPA ME | THOD 300.0: ANIONS | | | | | Analyst: JMT | | |
| Chloride |) | 89 | 60 | mg/Kg | 20 | 10/24/2022 7:36:54 PM | | |
| | | | | | | | | |

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

Qualifiers:

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

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Papas fritas 27 CTB1

2210B03-005

Project:

Lab ID:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: WES22-22 1' Collection Date: 10/19/2022 9:05:00 AM

Received Date: 10/21/2022 7:20:00 AM

| Analyses | Result | RL Q | ual Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|-----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 10:41:34 AM |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/25/2022 10:41:34 AM |
| Surr: DNOP | 90.3 | 21-129 | %Rec | 1 | 10/25/2022 10:41:34 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/25/2022 4:01:21 AM |
| Surr: BFB | 98.4 | 37.7-212 | %Rec | 1 | 10/25/2022 4:01:21 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/25/2022 4:01:21 AM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/25/2022 4:01:21 AM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/25/2022 4:01:21 AM |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 10/25/2022 4:01:21 AM |
| Surr: 4-Bromofluorobenzene | 104 | 70-130 | %Rec | 1 | 10/25/2022 4:01:21 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 140 | 60 | mg/Kg | 20 | 10/24/2022 7:49:18 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

% Recovery outside of standard limits. If undiluted results may be estimated. S

Analyte detected in the associated Method Blank в

Above Quantitation Range/Estimated Value Е

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 5 of 40

Papas fritas 27 CTB1

2210B03-006

Project:

Lab ID:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022

Client Sample ID: WES22-23 1' Collection Date: 10/19/2022 9:10:00 AM Received Date: 10/21/2022 7:20:00 AM

| 2210203 000 | Multin Soll | | | | | |
|----------------------------------|-------------|----------|----------|----|------------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 10:55:10 AM | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/25/2022 10:55:10 AM | |
| Surr: DNOP | 91.6 | 21-129 | %Rec | 1 | 10/25/2022 10:55:10 AM | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: NSB | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/25/2022 4:24:43 AM | |
| Surr: BFB | 96.2 | 37.7-212 | %Rec | 1 | 10/25/2022 4:24:43 AM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/25/2022 4:24:43 AM | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 4:24:43 AM | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 4:24:43 AM | |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/25/2022 4:24:43 AM | |
| Surr: 4-Bromofluorobenzene | 104 | 70-130 | %Rec | 1 | 10/25/2022 4:24:43 AM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | |
| Chloride | 97 | 60 | mg/Kg | 20 | 10/24/2022 8:01:42 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
- Not Detected at the Reporting Limit
- ND PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: WES22-25 1'

| Project: | Papas fritas 27 CTB1 | Collection Date: 10/19/2022 9:15:00 AM | | | | | | | |
|-----------------|--------------------------|--|----------|------------|--------|------------------------|--|--|--|
| Lab ID: | 2210B03-007 | Matrix: SOIL | Recei | ived Date: | 10/21/ | 2022 7:20:00 AM | | | |
| Analyses | | Result | RL Qua | al Units | DF | Date Analyzed | | | |
| EPA ME | THOD 8015M/D: DIESEL RAI | NGE ORGANICS | | | | Analyst: DGH | | | |
| Diesel R | ange Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 11:08:40 AM | | | |
| Motor Oi | il Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/25/2022 11:08:40 AM | | | |
| Surr: | DNOP | 76.8 | 21-129 | %Rec | 1 | 10/25/2022 11:08:40 AM | | | |
| EPA ME | THOD 8015D: GASOLINE RA | NGE | | | | Analyst: NSB | | | |
| Gasoline | e Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/25/2022 4:48:11 AM | | | |
| Surr: | BFB | 96.5 | 37.7-212 | %Rec | 1 | 10/25/2022 4:48:11 AM | | | |
| EPA ME | THOD 8021B: VOLATILES | | | | | Analyst: NSB | | | |
| Benzene | 9 | ND | 0.025 | mg/Kg | 1 | 10/25/2022 4:48:11 AM | | | |
| Toluene | | ND | 0.050 | mg/Kg | 1 | 10/25/2022 4:48:11 AM | | | |
| Ethylben | izene | ND | 0.050 | mg/Kg | 1 | 10/25/2022 4:48:11 AM | | | |
| Xylenes, | Total | ND | 0.099 | mg/Kg | 1 | 10/25/2022 4:48:11 AM | | | |
| Surr: | 4-Bromofluorobenzene | 103 | 70-130 | %Rec | 1 | 10/25/2022 4:48:11 AM | | | |
| EPA ME | THOD 300.0: ANIONS | | | | | Analyst: JMT | | | |
| Chloride | | 110 | 60 | mg/Kg | 20 | 10/24/2022 8:14:06 PM | | | |

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

Qualifiers:

Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix

D Н

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits

Р Sample pH Not In Range RL Reporting Limit

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Papas fritas 27 CTB1

2210B03-008

Project:

Lab ID:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: WES22-06 1' Collection Date: 10/19/2022 9:20:00 AM

Received Date: 10/21/2022 7:20:00 AM

| Analyses | Result | RL Q | ual Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|-----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 11:22:15 AM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/25/2022 11:22:15 AM |
| Surr: DNOP | 85.3 | 21-129 | %Rec | 1 | 10/25/2022 11:22:15 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/25/2022 5:11:40 AM |
| Surr: BFB | 89.6 | 37.7-212 | %Rec | 1 | 10/25/2022 5:11:40 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/25/2022 5:11:40 AM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/25/2022 5:11:40 AM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/25/2022 5:11:40 AM |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 10/25/2022 5:11:40 AM |
| Surr: 4-Bromofluorobenzene | 96.1 | 70-130 | %Rec | 1 | 10/25/2022 5:11:40 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 110 | 60 | mg/Kg | 20 | 10/24/2022 8:26:31 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

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 8 of 40

Project: Papas fritas 27 CTB1

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order **2210B03** Date Reported: **10/31/2022**

Client Sample ID: WES22-07 1' Collection Date: 10/19/2022 9:25:00 AM Received Date: 10/21/2022 7:20:00 AM

| Lab ID: 2210B03-009 | Matrix: SOIL | Received Date: 10/21/2022 7:20:00 AM | | | | |
|----------------------------------|--------------|--------------------------------------|----------|----|------------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 11:35:55 AM | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/25/2022 11:35:55 AM | |
| Surr: DNOP | 78.8 | 21-129 | %Rec | 1 | 10/25/2022 11:35:55 AM | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/24/2022 3:05:00 PM | |
| Surr: BFB | 107 | 37.7-212 | %Rec | 1 | 10/24/2022 3:05:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/24/2022 3:05:00 PM | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/24/2022 3:05:00 PM | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/24/2022 3:05:00 PM | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 10/24/2022 3:05:00 PM | |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/24/2022 3:05:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/24/2022 9:03:45 PM | |

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

Qualifiers:

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

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Papas fritas 27 CTB1

Project:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022

Client Sample ID: WES22-03 1' Collection Date: 10/19/2022 9:55:00 AM Bassived Data: 10/21/2022 7:20:00 AM

| Lab ID: 2210B03-010 | Matrix: SOIL | Received Date: 10/21/2022 7:20:00 AM | | | | |
|----------------------------------|--------------|---|----------|----|------------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 11:49:24 AM | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/25/2022 11:49:24 AM | |
| Surr: DNOP | 76.9 | 21-129 | %Rec | 1 | 10/25/2022 11:49:24 AM | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/24/2022 3:45:00 PM | |
| Surr: BFB | 104 | 37.7-212 | %Rec | 1 | 10/24/2022 3:45:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/24/2022 3:45:00 PM | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/24/2022 3:45:00 PM | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/24/2022 3:45:00 PM | |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/24/2022 3:45:00 PM | |
| Surr: 4-Bromofluorobenzene | 110 | 70-130 | %Rec | 1 | 10/24/2022 3:45:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/24/2022 9:16:10 PM | |

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

Qualifiers:

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

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Analytical Report
Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022
Client Sample ID: WES22-04 1'

| Project: | Papas fritas 27 CTB1 | Collection Date: 10/19/2022 10:00:00 AM | | | | | | |
|---------------------|-------------------------|--|--------------------------------------|-----------|--------|-----------------------|--|--|
| • | ± | Materia COU | Received Date: 10/21/2022 7:20:00 AM | | | | | |
| Lab ID: 2210B03-011 | | Matrix: SOIL | Receiv | ved Date: | 10/21/ | 2022 7:20:00 AM | | |
| Analyses | | Result | RL Qua | l Units | DF | Date Analyzed | | |
| EPA ME | THOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst: DGH | | |
| Diesel R | ange Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 3:15:29 PM | | |
| Motor Oi | I Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/25/2022 3:15:29 PM | | |
| Surr: I | ONOP | 80.4 | 21-129 | %Rec | 1 | 10/25/2022 3:15:29 PM | | |
| EPA ME | THOD 8015D: GASOLINE R | ANGE | | | | Analyst: CCM | | |
| Gasoline | Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/24/2022 4:05:00 PM | | |
| Surr: I | SFB | 106 | 37.7-212 | %Rec | 1 | 10/24/2022 4:05:00 PM | | |
| EPA ME | THOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | • | ND | 0.025 | mg/Kg | 1 | 10/24/2022 4:05:00 PM | | |
| Toluene | | ND | 0.050 | mg/Kg | 1 | 10/24/2022 4:05:00 PM | | |
| Ethylben | zene | ND | 0.050 | mg/Kg | 1 | 10/24/2022 4:05:00 PM | | |
| Xylenes, | Total | ND | 0.099 | mg/Kg | 1 | 10/24/2022 4:05:00 PM | | |
| Surr: 4 | 4-Bromofluorobenzene | 108 | 70-130 | %Rec | 1 | 10/24/2022 4:05:00 PM | | |
| EPA ME | THOD 300.0: ANIONS | | | | | Analyst: JMT | | |
| Chloride | | ND | 60 | mg/Kg | 20 | 10/24/2022 9:28:34 PM | | |

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

Qualifiers:

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

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Papas fritas 27 CTB1

2210B03-012

Project:

Lab ID:

Analytical Report Lab Order 2210B03

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-05 1' Collection Date: 10/19/2022 10:05:00 AM

Received Date: 10/21/2022 7:20:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 12:16:29 PM |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 10/25/2022 12:16:29 PM |
| Surr: DNOP | 77.3 | 21-129 | %Rec | 1 | 10/25/2022 12:16:29 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/24/2022 4:25:00 PM |
| Surr: BFB | 97.5 | 37.7-212 | %Rec | 1 | 10/24/2022 4:25:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/24/2022 4:25:00 PM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/24/2022 4:25:00 PM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/24/2022 4:25:00 PM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/24/2022 4:25:00 PM |
| Surr: 4-Bromofluorobenzene | 104 | 70-130 | %Rec | 1 | 10/24/2022 4:25:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/24/2022 10:05:46 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

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 12 of 40

Papas fritas 27 CTB1

2210B03-013

Project:

Lab ID:

Analytical Report
Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: BES22-13 2.5'

Collection Date: 10/19/2022 10:30:00 AM Received Date: 10/21/2022 7:20:00 AM

| Analyses | Result | RL Qu | ual Units | DF | Date Analyzed | | |
|----------------------------------|----------|----------|-----------|----|------------------------|--|--|
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 12:30:00 PM | | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/25/2022 12:30:00 PM | | |
| Surr: DNOP | 82.9 | 21-129 | %Rec | 1 | 10/25/2022 12:30:00 PM | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: CCM | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/24/2022 4:44:00 PM | | |
| Surr: BFB | 99.0 | 37.7-212 | %Rec | 1 | 10/24/2022 4:44:00 PM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/24/2022 4:44:00 PM | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/24/2022 4:44:00 PM | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/24/2022 4:44:00 PM | | |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/24/2022 4:44:00 PM | | |
| Surr: 4-Bromofluorobenzene | 102 | 70-130 | %Rec | 1 | 10/24/2022 4:44:00 PM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/24/2022 10:18:10 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

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

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Papas fritas 27 CTB1

2210B03-014

Project:

Lab ID:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022

Client Sample ID: BES22-14 2.5' Collection Date: 10/19/2022 10:35:00 AM Received Date: 10/21/2022 7:20:00 AM

| | Soll | need | 2022 7:20:00 7107 | | |
|---|----------------|----------|-------------------|----|------------------------|
| Analyses | Result RL Qual | | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 12:43:38 PM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/25/2022 12:43:38 PM |
| Surr: DNOP | 75.7 | 21-129 | %Rec | 1 | 10/25/2022 12:43:38 PM |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/24/2022 5:04:00 PM |
| Surr: BFB | 102 | 37.7-212 | %Rec | 1 | 10/24/2022 5:04:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/24/2022 5:04:00 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/24/2022 5:04:00 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/24/2022 5:04:00 PM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/24/2022 5:04:00 PM |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/24/2022 5:04:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/24/2022 10:30:35 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
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: BES22-15 2.5'

| Project: Papas fritas 27 CTB1 | Collection Date: 10/19/2022 10:40:00 AM | | | | | |
|--------------------------------------|---|-----------------|----------|----|------------------------|--|
| Lab ID: 2210B03-015 | Matrix: SOIL | 2022 7:20:00 AM | | | | |
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 12:57:28 PM | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/25/2022 12:57:28 PM | |
| Surr: DNOP | 81.8 | 21-129 | %Rec | 1 | 10/25/2022 12:57:28 PM | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/24/2022 5:24:00 PM | |
| Surr: BFB | 103 | 37.7-212 | %Rec | 1 | 10/24/2022 5:24:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/24/2022 5:24:00 PM | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/24/2022 5:24:00 PM | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/24/2022 5:24:00 PM | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/24/2022 5:24:00 PM | |
| Surr: 4-Bromofluorobenzene | 108 | 70-130 | %Rec | 1 | 10/24/2022 5:24:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/24/2022 10:42:59 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
- Not Detected at the Reporting Limit
- ND PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Project: Papas fritas 27 CTB1

Analytical Report Lab Order 2210B03

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-17 2.5' Collection Date: 10/19/2022 10:45:00 AM

| Lab ID: 2210B03-016 | Matrix: SOIL | Rece | Received Date: 10/21/2022 7:20:00 AM | | | | | |
|--------------------------------|---------------|----------|---|----|------------------------|--|--|--|
| Analyses | Result RL Qua | | al Units | DF | Date Analyzed | | | |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: DGH | | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 1:11:00 PM | | | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/25/2022 1:11:00 PM | | | |
| Surr: DNOP | 73.8 | 21-129 | %Rec | 1 | 10/25/2022 1:11:00 PM | | | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM | | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/24/2022 5:43:00 PM | | | |
| Surr: BFB | 109 | 37.7-212 | %Rec | 1 | 10/24/2022 5:43:00 PM | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/24/2022 5:43:00 PM | | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/24/2022 5:43:00 PM | | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/24/2022 5:43:00 PM | | | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/24/2022 5:43:00 PM | | | |
| Surr: 4-Bromofluorobenzene | 107 | 70-130 | %Rec | 1 | 10/24/2022 5:43:00 PM | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/24/2022 10:55:23 PM | | | |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

Analyte detected in the associated Method Blank в

Above Quantitation Range/Estimated Value Е

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 16 of 40

Papas fritas 27 CTB1

Project:

Analytical Report
Lab Order 2210B03

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-19 2.5' Collection Date: 10/19/2022 10:50:00 AM Received Date: 10/21/2022 7:20:00 AM

| Lab ID: 2210B03-017 | Matrix: SOIL | Received Date: 10/21/2022 7:20:00 AM | | | | |
|--------------------------------|--------------|--------------------------------------|----------|----|------------------------|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst: DGH | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 1:24:37 PM | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/25/2022 1:24:37 PM | |
| Surr: DNOP | 84.6 | 21-129 | %Rec | 1 | 10/25/2022 1:24:37 PM | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/24/2022 6:03:00 PM | |
| Surr: BFB | 95.5 | 37.7-212 | %Rec | 1 | 10/24/2022 6:03:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/24/2022 6:03:00 PM | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/24/2022 6:03:00 PM | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/24/2022 6:03:00 PM | |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/24/2022 6:03:00 PM | |
| Surr: 4-Bromofluorobenzene | 104 | 70-130 | %Rec | 1 | 10/24/2022 6:03:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/24/2022 11:32:37 PM | |

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

Qualifiers:

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

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Analytical Report
Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: WES22-26 1'

| Drainat. Dar | as fritas 27 CTP1 | | Collecti | n Dotor | 10/10/ | 2022 10:55:00 AM | | |
|------------------------------|----------------------|--------------|----------|---------------------------------|--------|------------------------|--|--|
| 0 1 | oas fritas 27 CTB1 | | | | | | | |
| Lab ID: 2210B03-018 Analyses | | Matrix: SOIL | Receiv | ved Date: 10/21/2022 7:20:00 AM | | | | |
| | | Result | RL Qual | Units | DF | Date Analyzed | | |
| EPA METHO | D 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst: DGH | | |
| Diesel Range | Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 1:38:28 PM | | |
| Motor Oil Rang | ge Organics (MRO) | ND | 48 | mg/Kg | 1 | 10/25/2022 1:38:28 PM | | |
| Surr: DNOF | 0 | 86.3 | 21-129 | %Rec | 1 | 10/25/2022 1:38:28 PM | | |
| EPA METHO | D 8015D: GASOLINE R | ANGE | | | | Analyst: CCM | | |
| Gasoline Rang | ge Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/24/2022 6:23:00 PM | | |
| Surr: BFB | | 103 | 37.7-212 | %Rec | 1 | 10/24/2022 6:23:00 PM | | |
| EPA METHO | D 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | | ND | 0.025 | mg/Kg | 1 | 10/24/2022 6:23:00 PM | | |
| Toluene | | ND | 0.049 | mg/Kg | 1 | 10/24/2022 6:23:00 PM | | |
| Ethylbenzene | | ND | 0.049 | mg/Kg | 1 | 10/24/2022 6:23:00 PM | | |
| Xylenes, Total | | ND | 0.098 | mg/Kg | 1 | 10/24/2022 6:23:00 PM | | |
| Surr: 4-Bror | nofluorobenzene | 110 | 70-130 | %Rec | 1 | 10/24/2022 6:23:00 PM | | |
| EPA METHO | D 300.0: ANIONS | | | | | Analyst: JMT | | |
| Chloride | | ND | 60 | mg/Kg | 20 | 10/24/2022 11:45:01 PM | | |

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

Qualifiers:

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

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Project: Papas fritas 27 CTB1

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: WES22-28 1' Collection Date: 10/19/2022 11:00:00 AM

| Lab ID: 2210B03-019 | Matrix: SOIL | Received Date: 10/21/2022 7:20:00 AM | | | | |
|--------------------------------|---------------|--------------------------------------|-------------|----|------------------------|--|
| Analyses | Result RL Qua | | al Units DF | | Date Analyzed | |
| EPA METHOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst: JME | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 9:49:39 AM | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/25/2022 9:49:39 AM | |
| Surr: DNOP | 85.0 | 21-129 | %Rec | 1 | 10/25/2022 9:49:39 AM | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/24/2022 8:22:00 PM | |
| Surr: BFB | 99.9 | 37.7-212 | %Rec | 1 | 10/24/2022 8:22:00 PM | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/24/2022 8:22:00 PM | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/24/2022 8:22:00 PM | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/24/2022 8:22:00 PM | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/24/2022 8:22:00 PM | |
| Surr: 4-Bromofluorobenzene | 109 | 70-130 | %Rec | 1 | 10/24/2022 8:22:00 PM | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | |
| Chloride | ND | 59 | mg/Kg | 20 | 10/24/2022 11:57:25 PM | |
| | | | | | | |

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

Qualifiers:

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

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Papas fritas 27 CTB1

2210B03-020

Project:

Lab ID:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: WES22-29 1' Collection Date: 10/19/2022 11:05:00 AM

Received Date: 10/21/2022 7:20:00 AM

| Analyses | Result | RL Qu | ual Units | DF | Date Analyzed |
|-------------------------------------|---------------------|----------|-----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OF | Analyst: JME | | | | |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/25/2022 10:13:29 AM |
| Motor Oil Range Organics (MRO) | ND | 45 | mg/Kg | 1 | 10/25/2022 10:13:29 AM |
| Surr: DNOP | 92.8 | 21-129 | %Rec | 1 | 10/25/2022 10:13:29 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/24/2022 9:21:00 PM |
| Surr: BFB | 98.1 | 37.7-212 | %Rec | 1 | 10/24/2022 9:21:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/24/2022 9:21:00 PM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/24/2022 9:21:00 PM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/24/2022 9:21:00 PM |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 10/24/2022 9:21:00 PM |
| Surr: 4-Bromofluorobenzene | 108 | 70-130 | %Rec | 1 | 10/24/2022 9:21:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/25/2022 12:34:37 AM |

Matrix: SOIL

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 20 of 40

Papas fritas 27 CTB1

Project:

Analytical Report Lab Order 2210B03

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-23 2.5' Collection Date: 10/19/2022 12:30:00 PM **Deceived Deter** 10/21/2022 7.20.00 AM

| Lab ID: 2210B03-021 | Matrix: SOIL | Rece | Received Date: 10/21/2022 7:20:00 AM | | | | |
|--------------------------------|--------------|----------------------|--------------------------------------|----|------------------------|--|--|
| Analyses | Result | RL Qual Units | | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL RAI | NGE ORGANICS | | | | Analyst: JME | | |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 10:37:19 AM | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/25/2022 10:37:19 AM | | |
| Surr: DNOP | 90.0 | 21-129 | %Rec | 1 | 10/25/2022 10:37:19 AM | | |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst: CCM | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/24/2022 10:20:00 PM | | |
| Surr: BFB | 101 | 37.7-212 | %Rec | 1 | 10/24/2022 10:20:00 PM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/24/2022 10:20:00 PM | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/24/2022 10:20:00 PM | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/24/2022 10:20:00 PM | | |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/24/2022 10:20:00 PM | | |
| Surr: 4-Bromofluorobenzene | 109 | 70-130 | %Rec | 1 | 10/24/2022 10:20:00 PM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/25/2022 1:11:50 AM | | |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

Analyte detected in the associated Method Blank в

Е Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 21 of 40
Papas fritas 27 CTB1

Project:

Analytical Report Lab Order 2210B03

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: WES22-27 1' Collection Date: 10/19/2022 12:35:00 PM Received Date: 10/21/2022 7:20:00 AM

Lab ID: 2210B03-022 Matrix: SOIL Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: JME Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/25/2022 11:01:08 AM Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 10/25/2022 11:01:08 AM Surr: DNOP 90.3 21-129 %Rec 1 10/25/2022 11:01:08 AM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 10/24/2022 10:40:00 PM 5.0 mg/Kg 1 Surr: BFB 97.7 37.7-212 %Rec 1 10/24/2022 10:40:00 PM **EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 10/24/2022 10:40:00 PM 0.025 mg/Kg 1 Toluene ND 0.050 mg/Kg 1 10/24/2022 10:40:00 PM Ethylbenzene ND 0.050 mg/Kg 1 10/24/2022 10:40:00 PM Xylenes, Total ND mg/Kg 10/24/2022 10:40:00 PM 0.099 1 Surr: 4-Bromofluorobenzene 107 70-130 %Rec 1 10/24/2022 10:40:00 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride mg/Kg ND 60 20 10/25/2022 1:24:14 AM

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

Qualifiers:

Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix

D Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit POL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

- Analyte detected in the associated Method Blank в
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 22 of 40

Papas fritas 27 CTB1

Project:

Analytical Report Lab Order 2210B03

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-12 2.5' Collection Date: 10/19/2022 12:40:00 PM Bassived Data: 10/21/2022 7.20.00 AM

| Lab ID: 2210B03-023 | Matrix: SOIL | Matrix: SOIL Received Date: 10/21/2022 7:2 | | | |
|--------------------------------|--------------|--|----------|----|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 11:24:56 AM |
| Motor Oil Range Organics (MRO) | ND | 45 | mg/Kg | 1 | 10/25/2022 11:24:56 AM |
| Surr: DNOP | 90.9 | 21-129 | %Rec | 1 | 10/25/2022 11:24:56 AM |
| EPA METHOD 8015D: GASOLINE RA | ANGE | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/24/2022 11:00:00 PM |
| Surr: BFB | 101 | 37.7-212 | %Rec | 1 | 10/24/2022 11:00:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/24/2022 11:00:00 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/24/2022 11:00:00 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/24/2022 11:00:00 PM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/24/2022 11:00:00 PM |
| Surr: 4-Bromofluorobenzene | 108 | 70-130 | %Rec | 1 | 10/24/2022 11:00:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 61 | mg/Kg | 20 | 10/25/2022 2:01:27 AM |

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

Qualifiers:

Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix

D н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 23 of 40

Papas fritas 27 CTB1

Project:

Chloride

Analytical Report Lab Order 2210B03

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-10 2.5' Collection Date: 10/19/2022 12:45:00 PM

Lab ID: 2210B03-024 Matrix: SOIL Received Date: 10/21/2022 7:20:00 AM Result **RL** Qual Units DF **Date Analyzed** Analyses EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: DGH Diesel Range Organics (DRO) ND 14 mg/Kg 1 10/25/2022 1:43:00 PM Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/25/2022 1:43:00 PM Surr: DNOP 100 21-129 %Rec 1 10/25/2022 1:43:00 PM **EPA METHOD 8015D: GASOLINE RANGE** Analyst: CCM Gasoline Range Organics (GRO) ND 10/24/2022 11:20:00 PM 4.9 mg/Kg 1 Surr: BFB 96.6 37.7-212 %Rec 1 10/24/2022 11:20:00 PM **EPA METHOD 8021B: VOLATILES** Analyst: CCM Benzene ND 10/24/2022 11:20:00 PM 0.025 mg/Kg 1 Toluene ND 0.049 mg/Kg 1 10/24/2022 11:20:00 PM Ethylbenzene ND 0.049 mg/Kg 1 10/24/2022 11:20:00 PM Xylenes, Total ND 0.099 mg/Kg 10/24/2022 11:20:00 PM 1 Surr: 4-Bromofluorobenzene 105 70-130 %Rec 1 10/24/2022 11:20:00 PM **EPA METHOD 300.0: ANIONS** Analyst: JMT

ND

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

Qualifiers:

Value exceeds Maximum Contaminant Level Sample Diluted Due to Matrix

D Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit POL Practical Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

- Analyte detected in the associated Method Blank в
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits

mg/Kg

20

10/25/2022 2:13:51 AM

60

Р Sample pH Not In Range Reporting Limit

RL

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Papas fritas 27 CTB1

Project:

Analytical Report Lab Order 2210B03

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-09 2.5' Collection Date: 10/19/2022 12:50:00 PM Bassived Data: 10/21/2022 7.20.00 AM

| Lab ID: 2210B03-025 | Matrix: SOIL | Matrix: SOIL Received Date: 10/21/2022 7:2 | | | |
|---------------------------------|--------------|--|----------|----|------------------------|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 1:18:56 PM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/25/2022 1:18:56 PM |
| Surr: DNOP | 98.9 | 21-129 | %Rec | 1 | 10/25/2022 1:18:56 PM |
| EPA METHOD 8015D: GASOLINE RANG | GE | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 10/24/2022 11:39:00 PM |
| Surr: BFB | 98.0 | 37.7-212 | %Rec | 1 | 10/24/2022 11:39:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/24/2022 11:39:00 PM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 10/24/2022 11:39:00 PM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 10/24/2022 11:39:00 PM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/24/2022 11:39:00 PM |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/24/2022 11:39:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/25/2022 2:26:15 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
- Not Detected at the Reporting Limit
- ND PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Papas fritas 27 CTB1

Project:

Analytical Report Lab Order 2210B03

Date Reported: 10/31/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: BES22-08 2.5' Collection Date: 10/19/2022 12:55:00 PM **Received Date:** 10/21/2022 7:20:00 AM

| Lab ID: 2210B03-026 | Matrix: SOIL | Rece | ived Date: | 10/21/ | 2022 7:20:00 AM |
|----------------------------------|--------------|----------|------------|--------|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 12:54:43 PM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/25/2022 12:54:43 PM |
| Surr: DNOP | 103 | 21-129 | %Rec | 1 | 10/25/2022 12:54:43 PM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/24/2022 11:59:00 PM |
| Surr: BFB | 97.8 | 37.7-212 | %Rec | 1 | 10/24/2022 11:59:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/24/2022 11:59:00 PM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/24/2022 11:59:00 PM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/24/2022 11:59:00 PM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/24/2022 11:59:00 PM |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/24/2022 11:59:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/25/2022 2:38:39 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

Not Detected at the Reporting Limit

ND PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 26 of 40

Project:

Lab ID:

Papas fritas 27 CTB1

2210B03-027

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: BES22-06 2.5' Collection Date: 10/19/2022 1:00:00 PM

Received Date: 10/21/2022 7:20:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|--------------------------------------|--------|----------|----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORG | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 12:30:35 PM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/25/2022 12:30:35 PM |
| Surr: DNOP | 102 | 21-129 | %Rec | 1 | 10/25/2022 12:30:35 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/25/2022 12:19:00 AM |
| Surr: BFB | 98.3 | 37.7-212 | %Rec | 1 | 10/25/2022 12:19:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.025 | mg/Kg | 1 | 10/25/2022 12:19:00 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 12:19:00 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 12:19:00 AM |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 10/25/2022 12:19:00 AM |
| Surr: 4-Bromofluorobenzene | 104 | 70-130 | %Rec | 1 | 10/25/2022 12:19:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/25/2022 2:51:04 AM |

Matrix: SOIL

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 27 of 40

Papas fritas 27 CTB1

2210B03-028

Project:

Lab ID:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022 Client Sample ID: BES22-05 2.5' Collection Date: 10/19/2022 1:05:00 PM

Received Date: 10/21/2022 7:20:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/25/2022 12:06:16 PM |
| Motor Oil Range Organics (MRO) | ND | 45 | mg/Kg | 1 | 10/25/2022 12:06:16 PM |
| Surr: DNOP | 94.7 | 21-129 | %Rec | 1 | 10/25/2022 12:06:16 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/25/2022 12:38:00 AM |
| Surr: BFB | 101 | 37.7-212 | %Rec | 1 | 10/25/2022 12:38:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/25/2022 12:38:00 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 12:38:00 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 12:38:00 AM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/25/2022 12:38:00 AM |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/25/2022 12:38:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/25/2022 3:03:28 AM |

Matrix: SOIL

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits

Р Sample pH Not In Range Reporting Limit

RL

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Papas fritas 27 CTB1

Project:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022

Client Sample ID: BES22-04 2.5' Collection Date: 10/19/2022 1:10:00 PM Bassived Data: 10/21/2022 7:20:00 AM

| Lab ID: 2210B03-029 | Matrix: SOIL | Rece | ived Date: | 10/21/ | /2022 7:20:00 AM |
|----------------------------------|--------------|----------|------------|--------|------------------------|
| Analyses | Result | RL Qua | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 10/25/2022 11:42:16 AM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 10/25/2022 11:42:16 AM |
| Surr: DNOP | 97.2 | 21-129 | %Rec | 1 | 10/25/2022 11:42:16 AM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/25/2022 1:18:00 AM |
| Surr: BFB | 102 | 37.7-212 | %Rec | 1 | 10/25/2022 1:18:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/25/2022 1:18:00 AM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/25/2022 1:18:00 AM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/25/2022 1:18:00 AM |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 10/25/2022 1:18:00 AM |
| Surr: 4-Bromofluorobenzene | 108 | 70-130 | %Rec | 1 | 10/25/2022 1:18:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/25/2022 3:15:52 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
- Not Detected at the Reporting Limit
- ND PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Papas fritas 27 CTB1

Project:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022

Client Sample ID: BES22-02 2.5' Collection Date: 10/19/2022 1:15:00 PM Received Date: 10/21/2022 7:20:00 AM

| Lab ID: 2210B03-030 | Matrix: SOIL | Rece | eived Date: | 10/21/ | 2022 7:20:00 AM |
|----------------------------------|--------------|----------|-------------|--------|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/25/2022 11:17:57 AM |
| Motor Oil Range Organics (MRO) | ND | 43 | mg/Kg | 1 | 10/25/2022 11:17:57 AM |
| Surr: DNOP | 96.9 | 21-129 | %Rec | 1 | 10/25/2022 11:17:57 AM |
| EPA METHOD 8015D: GASOLINE RANGI | E | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/25/2022 1:38:00 AM |
| Surr: BFB | 100 | 37.7-212 | %Rec | 1 | 10/25/2022 1:38:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/25/2022 1:38:00 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 1:38:00 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 1:38:00 AM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/25/2022 1:38:00 AM |
| Surr: 4-Bromofluorobenzene | 105 | 70-130 | %Rec | 1 | 10/25/2022 1:38:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 10/25/2022 3:28:17 AM |

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

Qualifiers:

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

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Papas fritas 27 CTB1

Project:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022

Client Sample ID: WES22-31 1' Collection Date: 10/19/2022 1:20:00 PM Bassived Data: 10/21/2022 7:20:00 AM

| Lab ID: 2210B03-031 | Matrix: SOILReceived Date: 10/21/2 | | | | 2022 7:20:00 AM | | |
|----------------------------------|------------------------------------|----------|----------|----|------------------------|--|--|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH | | |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 10:53:49 AM | | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 10/25/2022 10:53:49 AM | | |
| Surr: DNOP | 98.8 | 21-129 | %Rec | 1 | 10/25/2022 10:53:49 AM | | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/25/2022 1:57:00 AM | | |
| Surr: BFB | 97.8 | 37.7-212 | %Rec | 1 | 10/25/2022 1:57:00 AM | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/25/2022 1:57:00 AM | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 1:57:00 AM | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 1:57:00 AM | | |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/25/2022 1:57:00 AM | | |
| Surr: 4-Bromofluorobenzene | 106 | 70-130 | %Rec | 1 | 10/25/2022 1:57:00 AM | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT | | |
| Chloride | ND | 60 | mg/Kg | 20 | 10/25/2022 3:40:41 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
- Not Detected at the Reporting Limit
- ND PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Project: Papas fritas 27 CTB1

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022

Client Sample ID: WES22-32 1' Collection Date: 10/19/2022 1:25:00 AM · 1D to. 10/21/2022 7.20.00 AM

| Lab ID: 2210B03-032 | Matrix: SOIL | 2022 7:20:00 AM | | | |
|----------------------------------|--------------|-----------------|----------|----|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 13 | mg/Kg | 1 | 10/25/2022 10:29:41 AM |
| Motor Oil Range Organics (MRO) | ND | 45 | mg/Kg | 1 | 10/25/2022 10:29:41 AM |
| Surr: DNOP | 99.5 | 21-129 | %Rec | 1 | 10/25/2022 10:29:41 AM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 10/25/2022 2:17:00 AM |
| Surr: BFB | 100 | 37.7-212 | %Rec | 1 | 10/25/2022 2:17:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/25/2022 2:17:00 AM |
| Toluene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 2:17:00 AM |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 10/25/2022 2:17:00 AM |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 10/25/2022 2:17:00 AM |
| Surr: 4-Bromofluorobenzene | 108 | 70-130 | %Rec | 1 | 10/25/2022 2:17:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | ND | 61 | mg/Kg | 20 | 10/25/2022 12:26:48 AM |

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

Qualifiers:

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

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Papas fritas 27 CTB1

Project:

Analytical Report Lab Order 2210B03

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/31/2022

Client Sample ID: WES22-33 1' Collection Date: 10/19/2022 1:30:00 PM **Deceived Dete:** 10/21/2022 7:20:00 AM

| Lab ID: 2210B03-033 | Matrix: SOIL | Rece | eived Date: | 10/21/ | 2022 7:20:00 AM |
|----------------------------------|--------------|----------|-------------|--------|------------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 10/25/2022 10:05:33 AM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 10/25/2022 10:05:33 AM |
| Surr: DNOP | 101 | 21-129 | %Rec | 1 | 10/25/2022 10:05:33 AM |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 10/25/2022 2:37:00 AM |
| Surr: BFB | 99.1 | 37.7-212 | %Rec | 1 | 10/25/2022 2:37:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 0.024 | mg/Kg | 1 | 10/25/2022 2:37:00 AM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 10/25/2022 2:37:00 AM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 10/25/2022 2:37:00 AM |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 10/25/2022 2:37:00 AM |
| Surr: 4-Bromofluorobenzene | 107 | 70-130 | %Rec | 1 | 10/25/2022 2:37:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JTT |
| Chloride | 160 | 60 | mg/Kg | 20 | 10/25/2022 12:39:08 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
- Not Detected at the Reporting Limit
- ND PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

| | WO#: | 2210B03 |
|----------|------|-----------|
| ry, Inc. | | 31-Oct-22 |

| Client: Project: | Devon E Papas fr | Energy itas 27 CTB1 | | | | | | | | |
|---------------------|---------------------|------------------------|---------------------------------------|------------------|------------------------------------|---------------|---------------|------|----------|------|
| Sample ID: | MB-71027 | SampType: m | ıblk | Tes | TestCode: EPA Method 300.0: Anions | | | | | |
| Client ID: | PBS | Batch ID: 7 | F | RunNo: 92 | :018 | | | | | |
| Prep Date: | 10/24/2022 | Analysis Date: | 10/24/2022 | S | SeqNo: 33 | 02974 | Units: mg/K | g | | |
| Analyte | | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND 1.5 | 5 | | | | | | | |
| Sample ID: | LCS-71027 | SampType: Ic | Tes | stCode: EP | A Method | 300.0: Anions | 3 | | | |
| Client ID: | LCSS | Batch ID: 7 | 1027 | F | RunNo: 92 | :018 | | | | |
| Prep Date: | 10/24/2022 | Analysis Date: | 10/24/2022 | S | SeqNo: 33 | 02975 | Units: mg/K | g | | |
| Analyte | | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 15 1.5 | 5 15.00 | 0 | 98.2 | 90 | 110 | | | |
| Sample ID: | MB-71031 | SampType: n | SampType: mblk TestCode: EPA Method 3 | | | | 300.0: Anions | 3 | | |
| Client ID: | PBS | Batch ID: 7 | RunNo: 92018 | | | | | | | |
| Prep Date: | 10/24/2022 | Analysis Date: | 10/24/2022 | SeqNo: 3303006 | | | Units: mg/Kg | | | |
| Analyte | | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND 1.5 | 5 | | | | | | | |
| Sample ID: | LCS-71031 | SampType: Ic | s | Tes | stCode: EP | A Method | 300.0: Anions | \$ | | |
| Client ID: | LCSS | Batch ID: 7 | 1031 | F | RunNo: 92018 | | | | | |
| Prep Date: | 10/24/2022 | Analysis Date: | 10/24/2022 | Ś | SeqNo: 33 | 03007 | Units: mg/K | g | | |
| Analyte | | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 15 1.5 | 5 15.00 | 0 | 98.0 | 90 | 110 | | | |
| Sample ID: | MB-71033 | SampType: r | ıblk | Tes | stCode: EP | A Method | 300.0: Anions | \$ | | |
| Client ID: | PBS | Batch ID: 7 | 1033 | F | RunNo: 92 | :046 | | | | |
| Prep Date: | 10/24/2022 | Analysis Date: | 10/24/2022 | 5 | SeqNo: 33 | 03106 | Units: mg/K | g | | |
| Analyte | | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND 1.5 | 5 | | | | | | | |
| Sample ID: | LCS-71033 | SampType: Ic | | Tes | stCode: EP | A Method | 300.0: Anions | \$ | | |
| Client ID: | LCSS | Batch ID: 7 | 1033 | F | RunNo: 92 | :046 | | | | |
| Prep Date: | 10/24/2022 | Analysis Date: | 10/24/2022 | \$ | SeqNo: 33 | 03107 | Units: mg/K | g | | |
| Analyte | | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| | | | | | | | | | | |

Qualifiers:

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

Client: Project:

Sample ID:

QC SUMMARY REPORT Hall En

| | al Analysis Laborator | wo#: | 2210B03 31-Oct-22 |
|------------------|-------------------------|---|----------------------|
| Devon Papas f | Energy ritas 27 CTB1 | | |
| : MB-71043 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | |
| DRS | Batch ID: 71043 | RunNo: 02056 | |

| | 1 21 | | | | | | J. | - J | |
|--------------------------------|----------------|--------------|-------------|--------------------|----------|--------------------|------------|------------|------|
| Client ID: PBS | Batch ID: 7 | 1043 | I | RunNo: 92(| 056 | | | | |
| Prep Date: 10/24/2022 | Analysis Date: | 10/25/2022 | | SeqNo: 330 | 03572 | Units: mg/K | (g | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND 1 | 5 | | | | | | | |
| Motor Oil Range Organics (MRO) | ND 5 | 0 | | | | | | | |
| Surr: DNOP | 7.9 | 10.00 | | 79.0 | 21 | 129 | | | |
| Sample ID: LCS-71043 | SampType: L | .cs | Tes | stCode: EP | A Method | 8015M/D: Die | esel Range | Organics | |
| Client ID: LCSS | Batch ID: 7 | '1043 | I | RunNo: 92(| 056 | | | | |
| Prep Date: 10/24/2022 | Analysis Date: | 10/25/2022 | | SeqNo: 33 0 | 03573 | Units: mg/K | g | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 48 1 | 5 50.00 | 0 | 95.5 | 64.4 | 127 | | | |
| Surr: DNOP | 3.5 | 5.000 | | 70.8 | 21 | 129 | | | |
| Sample ID: 2210B03-001AMS | SampType: N | IS | Tes | stCode: EP/ | A Method | 8015M/D: Die | esel Range | Organics | |
| Client ID: BES22-25 2.5' | Batch ID: 7 | 1043 | ļ | RunNo: 92(| 056 | | | | |
| Prep Date: 10/24/2022 | Analysis Date: | 10/25/2022 | | SeqNo: 330 | 03592 | Units: mg/K | (g | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 53 1 | 5 49.46 | 0 | 108 | 36.1 | 154 | | | |
| Surr: DNOP | 4.1 | 4.946 | | 83.3 | 21 | 129 | | | |
| Sample ID: 2210B03-001AMS | D SampType: N | ISD | Tes | stCode: EP | A Method | 8015M/D: Die | esel Range | Organics | |
| Client ID: BES22-25 2.5' | Batch ID: 7 | 1043 | I | RunNo: 92(| 056 | | | | |
| Prep Date: 10/24/2022 | Analysis Date: | 10/25/2022 | | SeqNo: 330 | 03593 | Units: mg/K | (g | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 46 1 | 4 47.48 | 0 | 96.0 | 36.1 | 154 | 15.5 | 33.9 | |
| Surr: DNOP | 3.8 | 4.748 | | 79.7 | 21 | 129 | 0 | 0 | |
| Sample ID: 2210B03-019AMS | SampType: N | IS | Tes | stCode: EP/ | A Method | 8015M/D: Die | esel Range | Organics | |
| Client ID: WES22-28 1' | Batch ID: 7 | 1021 | l | RunNo: 92(| 056 | | | | |
| Prep Date: 10/24/2022 | Analysis Date: | 10/25/2022 | | SeqNo: 330 | 03594 | Units: mg/K | g | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 50 1 | 5 49.07 | 0 | 102 | 36.1 | 154 | | | |
| | | | | | | | | | |

Qualifiers:

Surr: DNOP

- * 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 standard limits. If undiluted results may be estimated. S

4.0

Analyte detected in the associated Method Blank В

81.2

21

129

- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

4.907

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Devon Energy

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

| | WO#: | 2210B03 |
|-----------------|------|-----------|
| aboratory, Inc. | | 31-Oct-22 |
| | | |

| Project: | Papas frita | as 27 CTE | 31 | | | | | | | | |
|----------------|------------------|------------|------------------|-----------|-------------|------------------|-----------|---------------|-----------|----------|------|
| Sample ID: | 2210B03-019AMSD | SampT | уре: МS | D | Tes | tCode: EF | PA Method | 8015M/D: Dies | sel Range | Organics | |
| Client ID: | WES22-28 1' | Batch | n ID: 710 |)21 | F | RunNo: 92 | 2056 | | | | |
| Prep Date: | 10/24/2022 | Analysis D | Date: 10 | /25/2022 | 5 | SeqNo: 33 | 303595 | Units: mg/Kg | 9 | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (DRO) | 52 | 14 | 47.04 | 0 | 110 | 36.1 | 154 | 3.45 | 33.9 | |
| Surr: DNOP | | 4.0 | | 4.704 | | 85.1 | 21 | 129 | 0 | 0 | |
| Sample ID: | MB-71021 | SampT | уре: МЕ | BLK | Tes | tCode: EF | PA Method | 8015M/D: Dies | sel Range | Organics | |
| Client ID: | PBS | Batch | n ID: 710 | 021 | F | RunNo: 92 | 2056 | | | | |
| Prep Date: | 10/24/2022 | Analysis D | Date: 10 | /25/2022 | 5 | SeqNo: 33 | 307123 | Units: mg/Kg | 9 | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (DRO) | ND | 15 | | | | | | | | |
| - | e Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | | 8.0 | | 10.00 | | 80.1 | 21 | 129 | | | |
| Sample ID: | LCS-71021 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8015M/D: Dies | sel Range | Organics | |
| Client ID: | LCSS | Batch | n ID: 710 | 021 | F | RunNo: 92 | 2056 | | | | |
| Prep Date: | 10/24/2022 | Analysis D | Date: 10 | /25/2022 | \$ | SeqNo: 33 | 307124 | Units: mg/Kg | 9 | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (DRO) | 52 | 15 | 50.00 | 0 | 104 | 64.4 | 127 | | | |
| Surr: DNOP | | 3.9 | | 5.000 | | 78.1 | 21 | 129 | | | |
| Sample ID: | MB-71024 | SampT | уре: МЕ | BLK | Tes | tCode: EF | PA Method | 8015M/D: Dies | sel Range | Organics | |
| Client ID: | PBS | Batch | n ID: 710 |)24 | F | RunNo: 92 | 2056 | | | | |
| Prep Date: | 10/24/2022 | Analysis D | Date: 10 | /25/2022 | \$ | SeqNo: 33 | 307125 | Units: %Rec | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | | 8.2 | | 10.00 | | 82.1 | 21 | 129 | | | |
| Sample ID: | LCS-71024 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8015M/D: Dies | sel Range | Organics | |
| Client ID: | LCSS | Batch | n ID: 710 |)24 | F | RunNo: 92 | 2056 | | | | |
| Prep Date: | 10/24/2022 | Analysis D | Date: 10 | /25/2022 | Ş | SeqNo: 33 | 307126 | Units: %Rec | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | | 3.9 | | 5.000 | | 77.5 | 21 | 129 | | | |

Qualifiers:

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

PQL Practical Quanitative Limit

- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

|) #: | 2210B03 |
|-------------|-----------|
| | 31-Oct-22 |

| Client: Project: | Devon Papas f | Energy ritas 27 CTB1 | | | | | | | | |
|----------------------------|---|----------------------------|-----------------|-------------|-------------------|--------------|--------------|-----------|-----------|------|
| Sample ID: | mb | SampType: | IBLK | Tes | stCode: EF | PA Method | 8015D: Gasol | ine Range | e | |
| Client ID: | PBS | Batch ID: | 392027 | F | RunNo: 92 | 2027 | | | | |
| Prep Date: | | Analysis Date: | 10/24/2022 | S | SeqNo: 3 | 302526 | Units: %Rec | | | |
| Analyte | | Result PQI | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | | 950 | 1000 | | 95.1 | 37.7 | 212 | | | |
| Sample ID: | 2.5ug gro lcs | SampType: I | CS | Tes | stCode: EF | PA Method | 8015D: Gasol | ine Range | e | |
| Client ID: | LCSS | Batch ID: | G92027 | F | RunNo: 9 2 | 2027 | | | | |
| Prep Date: | | Analysis Date: | 10/24/2022 | Ş | SeqNo: 3 | 302527 | Units: %Rec | | | |
| Analyte | | Result PQI | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | | 1900 | 1000 | | 190 | 37.7 | 212 | | | |
| Sample ID: | mb-71004 | SampType: | //BLK | Tes | stCode: EF | PA Method | 8015D: Gasol | ine Range | 9 | |
| Client ID: | PBS | Batch ID: | 1004 | F | RunNo: 9 2 | 2027 | | | | |
| Prep Date: | 10/23/2022 | Analysis Date: | 10/24/2022 | Ş | SeqNo: 3 | 302554 | Units: mg/K | g | | |
| Analyte | | Result PQI | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang Surr: BFB | ge Organics (GRO) | ND 5. 970 | 0 1000 | | 97.4 | 37.7 | 212 | | | |
| | | | | | 97.4 | 57.7 | 212 | | | |
| • | lcs-71004 | SampType: I | CS | Tes | stCode: EF | PA Method | 8015D: Gasol | ine Range | e | |
| Client ID: | LCSS | Batch ID: 7 | | | RunNo: 9 2 | - | | | | |
| Prep Date: | 10/23/2022 | Analysis Date: | 10/24/2022 | ç | SeqNo: 3: | 302555 | Units: mg/K | g | | |
| Analyte | | Result PQL | | | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang Surr: BFB | ge Organics (GRO) | 28 5. 2100 | 0 25.00 1000 | 0 | 111 211 | 72.3 37.7 | 137 212 | | | |
| Cample ID: | 1 74005 | | | Tee | | | | | | |
| Client ID: | mb-71005 PBS | SampType: I Batch ID: 7 | | | RunNo: 9 | | 8015D: Gasol | ine Range | 9 | |
| Prep Date: | 10/23/2022 | Analysis Date: | | | SeqNo: 3; | - | Units: mg/K | a | | |
| | 10/25/2022 | | | | | LowLimit | _ | - | RPDLimit | Qual |
| Analyte Gasoline Rand | ge Organics (GRO) | Result PQL ND 5. | | SPK Ref Val | %REC | LOWLIIIII | HighLimit | %RPD | KFDLIIIII | Qual |
| Surr: BFB | , · · · · · · · · · · · · · · · · · · · | 990 | 1000 | | 98.8 | 37.7 | 212 | | | |
| Sample ID: | lcs-71005 | SampType: I | CS | Tes | stCode: EF | PA Method | 8015D: Gasol | ine Range | 9 | |
| Client ID: | LCSS | Batch ID: 7 | 1005 | | RunNo: 9 2 | | | 5 | | |
| Prep Date: | 10/23/2022 | Analysis Date: | 10/24/2022 | S | SeqNo: 3 | 303528 | Units: mg/K | g | | |
| Analyte | | Result PQI | _ SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| <u> </u> | 0 : (000) | | | | 100 | 70.0 | 107 | | | |

Surr: BFB

Qualifiers:

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

Not Detected at the Reporting Limit ND

PQL Practical Quanitative Limit

Gasoline Range Organics (GRO)

% Recovery outside of standard limits. If undiluted results may be estimated. S

26

2200

5.0

25.00

1000

в Analyte detected in the associated Method Blank

103

223

72.3

37.7

137

212

- Е Above Quantitation Range/Estimated Value
 - J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

0

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S

Devon Energy

Client:

| Page 341 of 379 | Page | <i>341</i> | of 379 | |
|-----------------|------|------------|--------|--|
|-----------------|------|------------|--------|--|

| | WO#: | 2210B03 |
|------------------------------------|------|-----------|
| onmental Analysis Laboratory, Inc. | | 31-Oct-22 |
| | | |

| Project: | Papas frita | as 27 CTE | 81 | | | | | | | | |
|---------------|------------------|--------------|---|--------------------|-------------|------------------|----------------|--------------------|--------------|----------------|------|
| Sample ID: | 2210B03-019ams | SampT | SampType: MS TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
| Client ID: | WES22-28 1' | Batch | Batch ID: 71005 RunNo: 92041 | | | | | | | | |
| Prep Date: | 10/23/2022 | Analysis D | ate: 10 | /24/2022 | S | SeqNo: 33 | 803535 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 24 | 4.8 | 24.13 | 0 | 101 | 70 | 130 | | | |
| Surr: BFB | | 2200 | | 965.3 | | 230 | 37.7 | 212 | | | S |
| Sample ID: | 2210B03-019amsd | SampT | уре: МS | D | Tes | tCode: EF | PA Method | 8015D: Gaso | line Range | | |
| Client ID: | WES22-28 1' | Batch | n ID: 710 | 005 | F | RunNo: 92 | 2041 | | | | |
| Prep Date: | 10/23/2022 | Analysis D | ate: 10 | /24/2022 | 5 | SeqNo: 33 | 803536 | Units: mg/K | g | | |
| | | | | | | | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| | e Organics (GRO) | Result 23 | PQL 4.8 | SPK value 23.88 | SPK Ref Val | %REC 95.2 | LowLimit 70 | HighLimit 130 | %RPD 6.61 | RPDLimit 20 | Qual |

Qualifiers:

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| WO#: | 2210B03 |
|------|-----------|
| | 31_Oct_22 |

| 31-Oct-2 | 22 |
|----------|----|

| Client:Devon ErProject:Papas frit | | B1 | | | | | | | | |
|-----------------------------------|----------------------|------------------|-----------|-------------|------------------|----------|---------------|------|----------|------|
| Sample ID: mb-71004 | Samp | Гуре: МЕ | BLK | Tes | tCode: EF | A Method | 8021B: Volati | les | | |
| Client ID: PBS | Batc | h ID: 710 | 004 | F | RunNo: 92 | 027 | | | | |
| Prep Date: 10/23/2022 | Analysis [| Date: 10 | /24/2022 | 5 | SeqNo: 33 | 02600 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | 0 | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 104 | 70 | 130 | | | |
| Sample ID: LCS-71004 | Samp | Гуре: LC | s | Tes | tCode: EP | A Method | 8021B: Volati | les | | |
| Client ID: LCSS | LCSS Batch ID: 71004 | | | | RunNo: 92 | 027 | | | | |
| Prep Date: 10/23/2022 | Analysis [| Date: 10 | /24/2022 | S | SeqNo: 33 | 02601 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.025 | 1.000 | 0 | 100 | 80 | 120 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 101 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 101 | 80 | 120 | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 102 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 101 | 70 | 130 | | | |
| Sample ID: Ics-71005 | Samp | Гуре: LC | s | Tes | tCode: EP | A Method | 8021B: Volati | les | | |
| Client ID: LCSS | Batc | h ID: 71(| 005 | F | RunNo: 92 | 041 | | | | |
| Prep Date: 10/23/2022 | Analysis [| Date: 10 | /24/2022 | S | SeqNo: 33 | 02911 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.025 | 1.000 | 0 | 105 | 80 | 120 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 106 | 80 | 120 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 106 | 80 | 120 | | | |
| Xylenes, Total | 3.2 | 0.10 | 3.000 | 0 | 106 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 108 | 70 | 130 | | | |
| Sample ID: mb-71005 | Samp | Гуре: МЕ | BLK | Tes | tCode: EP | A Method | 8021B: Volati | les | | |
| Client ID: PBS | Batc | h ID: 71(| 005 | F | RunNo: 92 | 041 | | | | |
| Prep Date: 10/23/2022 | Analysis [| Date: 10 | /24/2022 | S | SeqNo: 33 | 02912 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 107 | 70 | 130 | | | |

Qualifiers:

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| WO#: | 2210B03 |
|------|---------|
| | |

31-Oct-22

| Client: Project: | Devon En Papas frita | 0. | B1 | | | | | | | | |
|---------------------|-------------------------|------------|------------------|-----------|-------------|-------------------|-----------|---------------|------|----------|------|
| Sample ID: 2210 | B03-020ams | Samp | Гуре: МS | ; | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: WES | 22-29 1' | Batc | h ID: 71(|)05 | F | RunNo: 92 | 2041 | | | | |
| Prep Date: 10/2 | 23/2022 | Analysis I | Date: 10 | /24/2022 | S | SeqNo: 3 | 303537 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 1.0 | 0.024 | 0.9606 | 0 | 108 | 68.8 | 120 | | | |
| Toluene | | 1.0 | 0.048 | 0.9606 | 0 | 108 | 73.6 | 124 | | | |
| Ethylbenzene | | 1.0 | 0.048 | 0.9606 | 0 | 109 | 72.7 | 129 | | | |
| Xylenes, Total | | 3.1 | 0.096 | 2.882 | 0 | 108 | 75.7 | 126 | | | |
| Surr: 4-Bromofluoro | obenzene | 1.1 | | 0.9606 | | 110 | 70 | 130 | | | |
| Sample ID: 2210 | B03-020amsd | Samp | Гуре: МS | D | Tes | tCode: EF | PA Method | 8021B: Volati | iles | | |
| Client ID: WES | 22-29 1' | Batc | h ID: 710 | 005 | F | RunNo: 9 2 | 2041 | | | | |
| Prep Date: 10/2 | 23/2022 | Analysis I | Date: 10 | /24/2022 | S | SeqNo: 3 | 303538 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|----------------------------|--------|-------|-----------|-------------|------|----------|-----------|--------|----------|------|
| Benzene | 1.0 | 0.024 | 0.9785 | 0 | 106 | 68.8 | 120 | 0.0500 | 20 | |
| Toluene | 1.0 | 0.049 | 0.9785 | 0 | 107 | 73.6 | 124 | 0.909 | 20 | |
| Ethylbenzene | 1.0 | 0.049 | 0.9785 | 0 | 107 | 72.7 | 129 | 0.0712 | 20 | |
| Xylenes, Total | 3.1 | 0.098 | 2.935 | 0 | 106 | 75.7 | 126 | 0.0953 | 20 | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 0.9785 | | 108 | 70 | 130 | 0 | 0 | |

Qualifiers:

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

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| ENVIRONMENTAL ANALYSIS LABORATORY | Hall Environmenta Alb TEL: 505-345-397 Website: www.ha | 4901 Haw uquerque, NM 5 FAX: 505-3- | kins NE M 87109 S 45-4107 | Page 3 ample Log-In Check List |
|--|---|---|---------------------------------|--------------------------------------|
| Client Name: Devon Energy | Work Order Number | 2210B03 | | RcptNo: 1 |
| Received By: Juan Rojas 1 | 0/21/2022 7:20:00 At | и | Hansy | B |
| 0 | 0/21/2022 7:46:55 AM | | | |
| Reviewed By: Sec. 10 / 21/22 | | | | |
| Chain of Custody | | | | |
| 1. Is Chain of Custody complete? | | Yes 🔽 | No [| Not Present |
| 2. How was the sample delivered? | | Courier | | |
| Log In | | | | |
| 3. Was an attempt made to cool the samples? | | Yes 🔽 | No 🗌 | NA 🗌 |
| 4. Were all samples received at a temperature of | >0° C to 6.0°C | Yes 🔽 | No 🗌 |) NA 🗌 |
| 5. Sample(s) in proper container(s)? | | Yes 🗹 | No 🗌 | I. |
| 6. Sufficient sample volume for indicated test(s)? | | Yes 🔽 | No 🗔 | |
| 7. Are samples (except VOA and ONG) properly pre- | | Yes 🔽 | | |
| 8. Was preservative added to bottles? | | Yes 🗌 | No 🔽 | NA 🗌 |
| 9. Received at least 1 vial with headspace <1/4" for | | íes 🗌 | No 🗌 | |
| 10. Were any sample containers received broken? | | Yes | | NA 🗹 |
| | | 105 | | # of preserved |
| 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | 1 | res 🔽 | No 🗌 | bottles checked for pH: |
| 12. Are matrices correctly identified on Chain of Custo | odv? | 'es 🔽 | No 🗌 | (<2 or 12 unless noted) Adjusted2 |
| 13. Is it clear what analyses were requested? | | es 🔽 | | Adjusted |
| Were all holding times able to be met? (If no, notify customer for authorization.) | | es 🗹 | | Checked by: KPG 10-21-2 |
| Special Handling (if applicable) | | | | |
| 15. Was client notified of all discrepancies with this o | rder? | res | No 🗌 | NA 🔽 |
| Person Notified: | Date: | | , | |
| By Whom: | | eMail 🗍 P | | |
| Regarding: | | | hone 🗌 Fax | In Person |
| Client Instructions: | | | | |
| 16. Additional remarks: | | | | |
| 17. <u>Cooler Information</u> Cooler No Temp °C Condition Seal Int | act Seal No Sea | Detr | | |
| 1 0.4 Good Yes | Sea Sea Sea | I Date | Signed By | |

Page 1 of 1

| Cultur Davlan / 10 - 1 11 | | | | | | |
|------------------------------|---|-----------------|--------------------------------------|----------------------|--------------------|---------|
| NEVON/ VERTEX | □ Standard | D Rush | | MALL EN | HALL ENVIRONMENTAL | |
| | | | | | ANALISIS LABORALOR | · · · · |
| Mailing Address: ののデルト | papas Fritas | +45 27 CTB1 | 4901 Hawkins NF | | onmental.com | D: 12 |
| | Project #: | | Tel 505-345 3075 | | | /2/2(|
| Phone #: | 11410-322 | | 191.000 | Analvsis Analvsis | Analvsis Request | 022: |
| email or Fax#: | Project Manager: | | - | *(| | 2:02 |
| QA/QC Package: | kent | stanings | ьсв. ^а 0 / мкс 8051 | PO₄, SC SIMS | tn∋≳dA\t | 2:23 PM |
| Accreditation: | Ú. | | Я0 \ 2808 | 0728 | _ | |
| (be) | Un Ice: H-Yes | DN0 | оя 3/sə | ls) or | | |
| | Cooler Temp(Including CF): | 6-2+0-2=04 (°C) | MTBI 5D(G | 8310 Meta ON | V-im | |
| Time Matrix Sample Name | Container Preservative Type and # Type | ive HEAL No. | 1 | AHs by | 92) 072 | |
| 10/19 84555017 BESZZ-25 25 | | Wi Internet | 8 | н В С | 8 | |
| 8:5 BESZ2-26 25 | - | 200 | | - | | - |
| 8:22 SES2-27 Z.S. | | 003 | | | | |
| 9:00 NESZ-19 1 | | Lan Lan | | | | |
| 9:05 WESZ-22 1 | | CCE | | | | |
| 9:10 415527-23 1 | | 000 | | | | |
| 9:15 WESZZ-ZS 1 | | too | | | | 1 |
| 9:20 WESZZ-06 1 | | Cov | | | | 1 |
| 9:25 WESZED7)' | | 000 | | | | - |
| 9:55 WESZ-03 1 | | 010 | | | | - |
| 1 (10-2227 M 00:01 | | GU | | | | |
| 10:05 WESZZ-05 1 | - | 012 | | | | |
| 0 | Conversion by: Via: | 10/20/22 1100 | Remarks: CC | hance | Dixon | |
| Date: Time: Relinquished by: | Received by: Via: | Date Time | DITECT | 1118 | 128101 (2097674) | e 34: |
| C | 11 | | | | | 5 of |

| Receiv | | × | | | | 2: 9: | 2:23 PM | | | | | | | | | | | | | | | | | | Pa | 1/2002 Jen 1 | 846 of . |
|---------------------------------|--------------------|--------------------|---------------------|------------------|------------------|------------------|---------------------------|-----------------------|--------------------|--------------------------|--------------------------------------|--|--------------------------|---------------|----------|----------|-------|---------------|------------|------------|---------------|-------|--------------|----------------|-----------------|----------------------|-----------------------|
| | HALL ENVIRONMENTAL | ANALYSIS LABORATOR | | nbnaiv - | Analysis Request | | JAbsent | | (A | '0/ ' ² 0 | ir, N (AO) /-ime | 570 (S 260 (V 31,)F, B | 8 | × - | | | | | | | | | | | Chance Dixor. | Bill Davon (| |
| | | | 4901 Hawkins NE | Tal FDF-345 3075 | 101-040-001 | - | | ע DRG 1280 ו רי | 0,40 8/8 9/2 | 9 01 9 P Səp GB | y 83 931ci 937 937 | - | H H H | | | | | | | | | | | | Remarks: CC: CL | Direct B | |
| Turn-Around Time: <i>ZーDa</i> 4 | Standard Rush | | PYPAS Fritas Z7CTB1 | Project #: | ZZE-01417 | Project Manager: | springs | D C D | DYes DNo | | (including CF): 6.2+0. 2-2 (s.4 (°C) | Container Preservative HEAL No. Type and # Type | ZCE DIS | | | 016 | 10 | N.9 | 019 | 020 | 07.4 | 660 | 572 | | Date Time | Via: | 12 chiste |
| Chain-of-Custody Record | Devan / Mariel | | ss: Or Fill | | | | Level 4 (Full Validation) | mpliance | Uther 0 | # | 0 | Matrix Sample Name | 10:36 Soil BESZE-13 2.5' | 1 BESZ=14 25' | BESZZ-15 | BES22-17 | ·Q | WES22-26 & 1' | WES22-23 1 | 1 62-22SJM | 15 552-23 2.5 | | 8552-12 Z.S' | &ESZ2-10/ Z.S' | 8 | Relinquished by: Rec | 1900 alunne Shower 11 |
| Chair | Client: | | Mailing Address: | | Phone #: | email or Fax#: | QA/QC Package: | Accreditation: | U NELAU | EDD (Type) | | Date Time | 10/19 10:30 | 10:32 | 0:40 | 517:01 | 10:50 | 1055 | 11:00 | 50:11 | 12:30 | 12:35 | 9:21 | 11 | IDate: Time: | Date: Time: | 2 |



November 03, 2022

Kent Stallings Devon Energy 6488 Seven Rivers Highway Artesia, NM 88210 TEL: (575) 748-0176 FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2210E68

RE: Papas Fritas 27 CTB1

Dear Kent Stallings:

Hall Environmental Analysis Laboratory received 6 sample(s) on 10/29/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2210E68

Date Reported: 11/3/2022

| CLIENT: | Devon Energy |
|----------|----------------------|
| Project: | Papas Fritas 27 CTB1 |

2210E68-001

Client Sample ID: WES22-10 1' Collection Date: 10/27/2022 9:30:00 AM

Matrix: MEOH (SOIL)

Received Date: 10/29/2022 8:45:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|------------------------------------|---------|----------|----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE O | RGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 11/1/2022 8:30:03 AM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 11/1/2022 8:30:03 AM |
| Surr: DNOP | 98.1 | 21-129 | %Rec | 1 | 11/1/2022 8:30:03 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.3 | mg/Kg | 1 | 10/30/2022 1:29:59 AM |
| Surr: BFB | 92.8 | 37.7-212 | %Rec | 1 | 10/30/2022 1:29:59 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.017 | mg/Kg | 1 | 10/30/2022 1:29:59 AM |
| Toluene | ND | 0.033 | mg/Kg | 1 | 10/30/2022 1:29:59 AM |
| Ethylbenzene | ND | 0.033 | mg/Kg | 1 | 10/30/2022 1:29:59 AM |
| Xylenes, Total | ND | 0.067 | mg/Kg | 1 | 10/30/2022 1:29:59 AM |
| Surr: 4-Bromofluorobenzene | 99.5 | 70-130 | %Rec | 1 | 10/30/2022 1:29:59 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/31/2022 1:54:14 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
- Not Detected at the Reporting Limit
- ND PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range Reporting Limit
- RL

Page 1 of 12

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2210E68

Date Reported: 11/3/2022

CLIENT: Devon Energy **Project:** Papas Fritas 27 CTB1 2210E68-002 Lab ID:

Client Sample ID: BES22-07 2.5' Collection Date: 10/27/2022 9:45:00 AM

Matrix: MEOH (SOIL) Received Date: 10/29/2022 8:45:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 11/1/2022 8:40:30 AM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 11/1/2022 8:40:30 AM |
| Surr: DNOP | 97.4 | 21-129 | %Rec | 1 | 11/1/2022 8:40:30 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.3 | mg/Kg | 1 | 10/30/2022 1:53:29 AM |
| Surr: BFB | 89.9 | 37.7-212 | %Rec | 1 | 10/30/2022 1:53:29 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.017 | mg/Kg | 1 | 10/30/2022 1:53:29 AM |
| Toluene | ND | 0.033 | mg/Kg | 1 | 10/30/2022 1:53:29 AM |
| Ethylbenzene | ND | 0.033 | mg/Kg | 1 | 10/30/2022 1:53:29 AM |
| Xylenes, Total | ND | 0.066 | mg/Kg | 1 | 10/30/2022 1:53:29 AM |
| Surr: 4-Bromofluorobenzene | 96.2 | 70-130 | %Rec | 1 | 10/30/2022 1:53:29 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/31/2022 2:31:28 PM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range Reporting Limit

RL

Page 2 of 12

Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2210E68

Date Reported: 11/3/2022

| CLIENT: | Devon Energy |
|----------|----------------------|
| Project: | Papas Fritas 27 CTB1 |

2210E68-003

Client Sample ID: BES22-11 2.5' Collection Date: 10/27/2022 9:50:00 AM

Matrix: MEOH (SOIL) Received Date: 10/29/2022 8:45:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 11/1/2022 3:13:21 AM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 11/1/2022 3:13:21 AM |
| Surr: DNOP | 97.8 | 21-129 | %Rec | 1 | 11/1/2022 3:13:21 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.3 | mg/Kg | 1 | 10/30/2022 2:16:59 AM |
| Surr: BFB | 87.4 | 37.7-212 | %Rec | 1 | 10/30/2022 2:16:59 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.016 | mg/Kg | 1 | 10/30/2022 2:16:59 AM |
| Toluene | ND | 0.033 | mg/Kg | 1 | 10/30/2022 2:16:59 AM |
| Ethylbenzene | ND | 0.033 | mg/Kg | 1 | 10/30/2022 2:16:59 AM |
| Xylenes, Total | ND | 0.066 | mg/Kg | 1 | 10/30/2022 2:16:59 AM |
| Surr: 4-Bromofluorobenzene | 94.3 | 70-130 | %Rec | 1 | 10/30/2022 2:16:59 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/31/2022 3:08:42 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
- Not Detected at the Reporting Limit
- ND PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range Reporting Limit
- RL

Page 3 of 12

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2210E68

Date Reported: 11/3/2022

CLIENT: Devon Energy **Project:** Papas Fritas 27 CTB1 2210E68-004 Lab ID: Matrix: MEOH (SOIL)

Client Sample ID: BES22-27 3' Collection Date: 10/27/2022 9:55:00 AM

Received Date: 10/29/2022 8:45:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|------------------------------------|---------|----------|----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE O | RGANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 11/1/2022 3:23:50 AM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 11/1/2022 3:23:50 AM |
| Surr: DNOP | 97.6 | 21-129 | %Rec | 1 | 11/1/2022 3:23:50 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.5 | mg/Kg | 1 | 10/30/2022 4:37:53 AM |
| Surr: BFB | 91.5 | 37.7-212 | %Rec | 1 | 10/30/2022 4:37:53 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.017 | mg/Kg | 1 | 10/30/2022 4:37:53 AM |
| Toluene | ND | 0.035 | mg/Kg | 1 | 10/30/2022 4:37:53 AM |
| Ethylbenzene | ND | 0.035 | mg/Kg | 1 | 10/30/2022 4:37:53 AM |
| Xylenes, Total | ND | 0.070 | mg/Kg | 1 | 10/30/2022 4:37:53 AM |
| Surr: 4-Bromofluorobenzene | 98.4 | 70-130 | %Rec | 1 | 10/30/2022 4:37:53 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/31/2022 3:21:06 PM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

Analyte detected in the associated Method Blank в

Above Quantitation Range/Estimated Value Е

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 4 of 12

Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2210E68

Date Reported: 11/3/2022

| CLIENT: | Devon Energy |
|----------|----------------------|
| Project: | Papas Fritas 27 CTB1 |

2210E68-005

Client Sample ID: BES22-30 3' Collection Date: 10/27/2022 10:00:00 AM

Matrix: MEOH (SOIL) Received Date: 10/29/2022 8:45:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 15 | mg/Kg | 1 | 11/1/2022 3:34:21 AM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 11/1/2022 3:34:21 AM |
| Surr: DNOP | 98.2 | 21-129 | %Rec | 1 | 11/1/2022 3:34:21 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.4 | mg/Kg | 1 | 10/30/2022 5:48:06 AM |
| Surr: BFB | 91.8 | 37.7-212 | %Rec | 1 | 10/30/2022 5:48:06 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.017 | mg/Kg | 1 | 10/30/2022 5:48:06 AM |
| Toluene | ND | 0.034 | mg/Kg | 1 | 10/30/2022 5:48:06 AM |
| Ethylbenzene | ND | 0.034 | mg/Kg | 1 | 10/30/2022 5:48:06 AM |
| Xylenes, Total | ND | 0.068 | mg/Kg | 1 | 10/30/2022 5:48:06 AM |
| Surr: 4-Bromofluorobenzene | 97.6 | 70-130 | %Rec | 1 | 10/30/2022 5:48:06 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 60 | mg/Kg | 20 | 10/31/2022 3:33:31 PM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 5 of 12

Lab ID:

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2210E68

Date Reported: 11/3/2022

| CLIENT: | Devon Energy |
|----------|----------------------|
| Project: | Papas Fritas 27 CTB1 |

2210E68-006

Client Sample ID: BES22-31 3' Collection Date: 10/27/2022 10:05:00 AM

Matrix: MEOH (SOIL) Received Date: 10/29/2022 8:45:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 14 | mg/Kg | 1 | 11/1/2022 3:44:52 AM |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 11/1/2022 3:44:52 AM |
| Surr: DNOP | 91.7 | 21-129 | %Rec | 1 | 11/1/2022 3:44:52 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.1 | mg/Kg | 1 | 10/30/2022 6:58:11 AM |
| Surr: BFB | 93.4 | 37.7-212 | %Rec | 1 | 10/30/2022 6:58:11 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: NSB |
| Benzene | ND | 0.015 | mg/Kg | 1 | 10/30/2022 6:58:11 AM |
| Toluene | ND | 0.031 | mg/Kg | 1 | 10/30/2022 6:58:11 AM |
| Ethylbenzene | ND | 0.031 | mg/Kg | 1 | 10/30/2022 6:58:11 AM |
| Xylenes, Total | ND | 0.062 | mg/Kg | 1 | 10/30/2022 6:58:11 AM |
| Surr: 4-Bromofluorobenzene | 102 | 70-130 | %Rec | 1 | 10/30/2022 6:58:11 AM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI |
| Chloride | ND | 59 | mg/Kg | 20 | 10/31/2022 3:45:55 PM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range Reporting Limit

RL

Page 6 of 12

| Client: Project: | | n Energy Fritas 27 CTB1 | | | | | | | |
|---------------------|--|---|-------------------------------|----------------|---------------|--|--|--|--|
| Sample ID: | MB-71179 SampType: mblk TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: | PBS | Batch ID: 71179 | Batch ID: 71179 RunNo: 92227 | | | | | | |
| Prep Date: | 10/31/2022 | /2022 Analysis Date: 10/31/2022 SeqNo: 3312348 Units: mg/Kg | | | | | | | |
| Analyte | | Result PQL SPK value | e SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual | | | | |
| Chloride | | ND 1.5 | | | | | | | |
| Sample ID: | LCS-71179 | SampType: Ics | TestCode: EPA Method 3 | 300.0: Anions | | | | | |
| Client ID: | LCSS | Batch ID: 71179 | RunNo: 92227 | | | | | | |
| Prep Date: | 10/31/2022 | Analysis Date: 10/31/2022 | 2 SeqNo: 3312349 Units: mg/Kg | | | | | | |
| Analyte | | Result PQL SPK value | e SPK Ref Val %REC LowLimit | HighLimit %RPD | RPDLimit Qual | | | | |
| Chloride | | 14 1.5 15.00 | 0 95.7 90 | 110 | | | | | |

Qualifiers:

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

Page 7 of 12

2210E68

03-Nov-22

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Page | 356 | of 379 |
|------|-----|--------|
| | | |

| WO#: | 2210E68 |
|------|------------|
| | 02 Mar. 22 |

03-Nov-22

| Client: Devon Er | | | | | | | | | |
|--------------------------------|--|-------------|-----------------------------|------------------|----------|---------------|-----------|----------|------|
| Project: Papas Fri | tas 27 CTB1 | | | | | | | | |
| Sample ID: LCS-71171 | SampType: | LCS | Tes | tCode: EP | A Method | 8015M/D: Dies | sel Range | Organics | |
| Client ID: LCSS | Batch ID: | 71171 | R | RunNo: 92 | 198 | | | | |
| Prep Date: 10/31/2022 | Analysis Date: | 10/31/2022 | SeqNo: 3311075 Units: mg/Kg | | | | | | |
| Analyte | Result PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | | 15 50.00 | 0 | 92.2 | 64.4 | 127 | | | |
| Surr: DNOP | 4.4 | 5.000 | | 88.2 | 21 | 129 | | | |
| Sample ID: MB-71171 | SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
| Client ID: PBS | Batch ID: | 71171 | R | RunNo: 92 | 198 | | | | |
| Prep Date: 10/31/2022 | Analysis Date: | 10/31/2022 | S | SeqNo: 33 | 11076 | Units: mg/K | 9 | | |
| Analyte | Result PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | | 15 | | | | | | | |
| Motor Oil Range Organics (MRO) | | 50 | | | | | | | |
| Surr: DNOP | 9.0 | 10.00 | | 90.3 | 21 | 129 | | | |
| Sample ID: LCS-71174 | SampType: | LCS | Tes | tCode: EP | A Method | 8015M/D: Dies | sel Range | Organics | |
| Client ID: LCSS | Batch ID: | 71174 | R | RunNo: 92 | 198 | | | | |
| Prep Date: 10/31/2022 | Analysis Date: | 10/31/2022 | S | SeqNo: 33 | 12301 | Units: %Rec | | | |
| Analyte | Result PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 5.5 | 5.000 | | 110 | 21 | 129 | | | |
| Sample ID: MB-71174 | SampType: | MBLK | Tes | tCode: EP | A Method | 8015M/D: Dies | sel Range | Organics | |
| Client ID: PBS | Batch ID: | 71174 | R | RunNo: 92 | 198 | | | | |
| Prep Date: 10/31/2022 | Analysis Date: | 10/31/2022 | S | SeqNo: 33 | 12302 | Units: %Rec | | | |
| | | | | | | | | | |
| Analyte | Result PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

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

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| WO#: | 2210E68 |
|------|-----------|
| | 03-Nov-22 |

03-Nov-22

| Client: | Devon En | ergy | | | | | | | | | |
|-------------------------------|-----------------|---------------------------|--|-----------|--------------|------------------|-----------|--------------|------------|----------|------|
| Project: | Papas Frit | as 27 CTI | 31 | | | | | | | | |
| Sample ID: m | nb | SampT | уре: МЕ | BLK | Tes | tCode: EP | A Method | 8015D: Gasol | line Range | | |
| Client ID: PI | BS | Batch | ID: A9 | 2186 | | RunNo: 92186 | | | | | |
| Prep Date: | | Analysis D | ate: 10 | /29/2022 | S | SeqNo: 33 | 809758 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range O Surr: BFB | Drganics (GRO) | ND 940 | 5.0 | 1000 | | 94.0 | 37.7 | 212 | | | |
| Sample ID: 2. | .5ug gro Ics | SampT | SampType: LCS TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
| Client ID: LO | CSS | Batch | ID: A9 | 2186 | F | RunNo: 92 | 2186 | | | | |
| Prep Date: | | Analysis Date: 10/29/2022 | | | S | SeqNo: 33 | 809759 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range O | Organics (GRO) | 26 | 5.0 | 25.00 | 0 | 105 | 72.3 | 137 | | | |
| Surr: BFB | | 2000 | | 1000 | | 203 | 37.7 | 212 | | | |
| Sample ID: m | nb-ll | SampT | ype: ME | BLK | Tes | tCode: EP | PA Method | 8015D: Gasol | line Range | | |
| Client ID: PI | BS | Batch ID: B92186 | | | RunNo: 92186 | | | | | | |
| Prep Date: | | Analysis D | Analysis Date: 10/30/2022 | | | SeqNo: 3309782 | | | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range C Surr: BFB | Organics (GRO) | ND 930 | 5.0 | 1000 | | 92.6 | 37.7 | 212 | | | |
| Sample ID: 2. | .5ug gro Ics-II | SampT | ype: LC | S | Tes | tCode: EP | A Method | 8015D: Gasol | line Range | | |
| Client ID: LO | CSS | Batch | ID: B9 | 2186 | RunNo: 92186 | | | | | | |
| Prep Date: | | Analysis D | ate: 10 | /30/2022 | S | SeqNo: 33 | 309783 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range O | Organics (GRO) | 25 | 5.0 | 25.00 | 0 | 99.4 | 72.3 | 137 | | | |
| Surr: BFB | | 1900 | | 1000 | | 195 | 37.7 | 212 | | | |
| Sample ID: 22 | 210e68-004ams | SampT | уре: МS | 5 | Tes | tCode: EP | PA Method | 8015D: Gasol | line Range | | |
| Client ID: BI | ES22-27 3' | Batch | ID: B9 | 2186 | F | RunNo: 92 | 2186 | | | | |
| Prep Date: | | Analysis D | ate: 10 | /30/2022 | S | SeqNo: 33 | 809791 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range C | Organics (GRO) | 17 | 3.5 | 17.39 | 0 | 96.1 | 70 | 130 | | | |
| Surr: BFB | | 1300 | | 695.4 | | 191 | 37.7 | 212 | | | |
| Sample ID: 22 | 210e68-004amsd | SampT | ype: MS | D | Tes | tCode: EP | PA Method | 8015D: Gasol | line Range | | |
| Client ID: BI | ES22-27 3' | Batch | ID: B9 | 2186 | F | RunNo: 92 | 2186 | | | | |
| Prep Date: | | Analysis D | ate: 10 | /30/2022 | S | SeqNo: 33 | 309792 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| | | | | | | | | | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank В
- Е Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

Reporting Limit RL

Page 9 of 12

Devon Energy

Papas Fritas 27 CTB1

Client:

Project:

| Sample ID: 2210e68-004amsd | SampT | ype: MS | D | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|------------------|----------|-----------|--|----------|----------|-------------|------|----------|--|--|
| Client ID: BES22-27 3' | Batch ID: B92186 | | | RunNo: 92186 | | | | | | | |
| Prep Date: | Analysis D | Date: 10 | /30/2022 | S | SeqNo: 3 | 309792 | Units: mg/K | g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | | |
| Gasoline Range Organics (GRO) | 16 | 3.5 | 17.39 | 0 | 90.6 | 70 | 130 | 5.83 | 20 | | |
| Surr: BFB | 1300 | | 695.4 | | 182 | 37.7 | 212 | 0 | 0 | | |

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 standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank В
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 10 of 12

WO#: 2210E68 03-Nov-22

Qual

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| WO#: | 2210E68 |
|------|-----------|
| | 03 Nov 22 |

03-Nov-22

| Client: Devon En Project: Papas Fri | nergy itas 27 CT | B1 | | | | | | | | |
|--|---------------------|-------------------|-----------|-----------------------------|---------------------------------------|----------|---------------|------|----------|------|
| Sample ID: mb | Samp | Гуре: МЕ | BLK | Tes | stCode: EF | A Method | 8021B: Volati | iles | | |
| Client ID: PBS | Batch ID: C92186 | | | F | RunNo: 92186 | | | | | |
| Prep Date: | Analysis I | Date: 10 | /29/2022 | ; | SeqNo: 33 | 09797 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.99 | | 1.000 | | 98.7 | 70 | 130 | | | |
| Sample ID: 100ng btex lcs | Samp | Гуре: LC | s | Tes | stCode: EF | A Method | 8021B: Volati | iles | | |
| Client ID: LCSS | Batc | h ID: C9 | 2186 | F | RunNo: 92 | 186 | | | | |
| Prep Date: | Analysis I | Date: 10 | /29/2022 | : | SeqNo: 33 | 09798 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.025 | 1.000 | 0 | 105 | 80 | 120 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 105 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 104 | 80 | 120 | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 105 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 102 | 70 | 130 | | | |
| Sample ID: mb-II | Samp | Гуре: МЕ | BLK | Tes | stCode: EF | A Method | 8021B: Volati | iles | | |
| Client ID: PBS | Batc | h ID: D9 2 | 2186 | F | RunNo: 92 | 186 | | | | |
| Prep Date: | Analysis I | Date: 10 | /30/2022 | SeqNo: 3309819 Units: mg/ | | | | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.99 | | 1.000 | | 99.2 | 70 | 130 | | | |
| Sample ID: 100ng btex lcs-ll | Samp | Гуре: LC | S | Tes | TestCode: EPA Method 8021B: Volatiles | | | | | |
| Client ID: LCSS | Batc | h ID: D9 2 | 2186 | F | RunNo: 92 | | | | | |
| Prep Date: | Analysis I | Date: 10 | /30/2022 | SeqNo: 3309820 Units: mg/Kg | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.025 | 1.000 | 0 | 102 | 80 | 120 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 103 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 104 | 80 | 120 | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 103 | 80 | 120 | | | |
| Aylenes, Tolai | 0 | | 0.000 | Ũ | | 00 | .=• | | | |

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#: **2210E68**

03-Nov-22

| Client: | Devon Energy |
|----------|----------------------|
| Project: | Papas Fritas 27 CTB1 |

| Sample ID: 2210e68-005ams | Samp | Туре: МЅ | ; | Tes | | | | | | |
|---|--|---|---|----------------------------|--|---|---|----------------------------------|----------------|------|
| Client ID: BES22-30 3' | Batch ID: D92186 | | | RunNo: 92186 | | | | | | |
| Prep Date: | Analysis Date: 10/30/2022 | | | S | SeqNo: 33 | 809828 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.62 | 0.017 | 0.6752 | 0 | 92.6 | 68.8 | 120 | | | |
| Toluene | 0.64 | 0.034 | 0.6752 | 0 | 94.8 | 73.6 | 124 | | | |
| Ethylbenzene | 0.64 | 0.034 | 0.6752 | 0 | 94.8 | 72.7 | 129 | | | |
| Xylenes, Total | 1.9 | 0.068 | 2.026 | 0.01249 | 93.6 | 75.7 | 126 | | | |
| Surr: 4-Bromofluorobenzene | 0.62 | | 0.6752 | | 92.2 | 70 | 120 | | | |
| | 0.02 | | 0.0752 | | 92.2 | 70 | 130 | | | |
| Sample ID: 2210e68-005amsd | | Type: MS | | Tes | | - | 8021B: Volati | les | | |
| | Samp | Type: MS h ID: D9 2 | D | | | PA Method | | les | | |
| Sample ID: 2210e68-005amsd | Samp | h ID: D9 2 | 5D 2186 | F | tCode: EF | PA Method | | | | |
| Sample ID: 2210e68-005amsd Client ID: BES22-30 3' | Samp ⁻ Batc | h ID: D9 2 | 6D 2186 /30/2022 | F | tCode: EF RunNo: 92 | PA Method | 8021B: Volati | | RPDLimit | Qual |
| Sample ID: 2210e68-005amsd Client ID: BES22-30 3' Prep Date: | Samp Batc Analysis [| h ID: D9 2 Date: 10 | 6D 2186 /30/2022 | F | tCode: EF RunNo: 92 SeqNo: 33 | PA Method 2186 309829 | 8021B: Volati Units: mg/K | g | RPDLimit 20 | Qual |
| Sample ID: 2210e68-005amsd Client ID: BES22-30 3' Prep Date: Analyte | Samp ⁻ Batc Analysis I Result | h ID: D92 Date: 10 PQL | 5D 2186 /30/2022 SPK value | F S SPK Ref Val | tCode: EF RunNo: 92 SeqNo: 33 %REC | PA Method 2186 309829 LowLimit | 8021B: Volati Units: mg/K HighLimit | g %RPD | | Qual |
| Sample ID: 2210e68-005amsd Client ID: BES22-30 3' Prep Date: Analyte Benzene | Samp Batc Analysis I Result 0.67 | h ID: D92 Date: 10 PQL 0.017 | 5D 2186 /30/2022 SPK value 0.6752 | F SPK Ref Val 0 | tCode: EF RunNo: 92 SeqNo: 33 %REC 99.5 | PA Method 2186 309829 LowLimit 68.8 | 8021B: Volati Units: mg/K HighLimit 120 | g %RPD 7.24 | 20 | Qual |
| Sample ID: 2210e68-005amsd Client ID: BES22-30 3' Prep Date: Analyte Benzene Toluene | Samp Batc Analysis I Result 0.67 0.68 | h ID: D9 2 Date: 10 PQL 0.017 0.034 | 5D 2186 /30/2022 SPK value 0.6752 0.6752 | F SPK Ref Val 0 0 | tCode: EF RunNo: 92 SeqNo: 33 %REC 99.5 101 | PA Method 2186 309829 LowLimit 68.8 73.6 | 8021B: Volati Units: mg/K HighLimit 120 124 | g %RPD 7.24 6.18 | 20 20 | Qual |

Qualifiers:

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

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| HALL ENVIRONMENTAL ANALYSIS LABORATORY | | | | Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com | | | nple Log-In Check List | | |
|---|------------------------|----------------|-----------------|---|------------------------|-------------------------------------|------------------------|-------------|-----|
| Client Name: D | evon Ener | ЗÀ | Work | Order Num | ber: 2210E | 68 | | RcptNo | : 1 |
| | Tracy Cas Tracy Cas | | | 022 8:45:00 022 9:23:52 | | | | | |
| Chain of Custor 1. Is Chain of Custor 2. How was the same | ody compl | | | | Yes [<u>Courie</u> | | No 🗌 | Not Present | |
| <u>Log In</u> 3. Was an attempt | made to c | ool the sample | es? | | Yes | | No 🗌 | NA 🗌 | |
| 4. Were all samples | s received | at a temperat | ure of >0° C f | to 6.0°C | Yes | 2 | No 🗌 | NA 🗍 | |
| 5. Sample(s) in pro | per contai | ner(s)? | | | Yes | 2 | No 🗌 | | |
| 6. Sufficient sample 7. Are samples (exc | | | | 40 | Yes 🖌 | | No 🗋 No 🔲 | | |
| 8. Was preservative | | | beily preserve | eu r | Yes [| | No 🗹 | NA 🗔 | |
| 9. Received at least 10. Were any sample | t 1 vial with | n headspace < | | ′OA? | Yes [Yes [|] | No 🗌 No 🔽 | NA 🗹 | |
| 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | | | Yes 🛛 | | No 🗌 | bottles checked for pH: (<2 o | 12 unless noted) | | |
| 12. Are matrices corr | rectly ident | ified on Chain | of Custody? | | Yes 🖣 |] | No 🗌 | Adjusted? | |
| 13, Is it clear what an | | | | | Yes 🛛 | | No 🗌 | | u |
| 14. Were all holding times able to be met? (If no, notify customer for authorization.) | | | | Yes 🖢 |] | No 🗌 | Chécked by. | MC 10/28/22 | |
| Special Handling | g (if app | licable) | | | | | , | | |
| 15. Was client notified | | | ith this order? | • | Yes [|] | No 1 | NA 🗹 | 7 |
| Person Notified: Date: By Whom: Via: Regarding: Client Instructions: | | | | | eMail | Phone | e 🗌 Fax | In Person | |
| 16. Additional rema | rks: | | | | | | | | |
| 17. Cooler Informa | | Condition | Seal Intact | Seal No | Seal Date | s Ciar | ned By | | |
| E | i.4 | | Yes | Ocal NU | Jeai Dali | , sigi | icu Dy | | |
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Page 361 of 379

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| 2:02:23 | |
| 12/2/2022 | |
| 0CD: 1 | |
| eceived by | |
| 2 | |

| | Record | |
|----------------------------|------------------|---------|
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| y UUD: 12/2/2022 2:02:23 F | Chain-of-Custody | |
| oy UCD: 12/2 | nain-of- | |
| veceweu p | บ | Client: |

| Received by OCD: 12/2/2022 2:02:23 PM | 2 2:02:23 PM | | | | F | | | | | | Page 362 of 379 | 379 |
|---------------------------------------|---|--|--|--|----------------------------|-------------------|---------------------------------------|---|--|---|--|----------|
| Chain-of-Cu | Chain-of-Custody Record | Turn-Around Time: | 42 | -HOUL | | I | | | Da l | MN | HALL ENVIRONMENTAL | |
| Client: | スノチ | □ Standard | | | | | ALY | SIS | | OR | ANALYSIS LABORATORY | |
| | | Project Name: | | | | | www.hallenvironmental.com | vironme | ental.co | E | | |
| Mailing Address: | 5.76 | Socied | SELIZAS | 95 27CTB1 | 4901 | 4901 Hawkins NE | - E | puquer | que, NN | Albuquerque, NM 87109 | | |
| | (1) S. C. March, M. M. M. W. | Project #: | n - Service - Herbord - Service - Se | | Tel. | Tel. 505-345-3975 | 193 | Fax 5(| Fax 505-345-4107 | 4107 | 1 | 1 |
| Phone #: | | 726. | 226-0/417 | a water or loss from Shift A. | | | Ana | lysis R | Analysis Request | | | |
| email or Fax#: | | Project Manager | ger. | | (0) | | | | (tue | | | |
| QA/QC Package: | Level 4 (Full Validation) | KENE | 1.1 | seguings | AM \ O | | | | əsdA\tr | | A CARE OF | |
| | npliance | L. | C.D. | | אם ו | (1.4 | | | _ | | | |
| D NELAC D Other | | On Ice: | CV Yes | ON D | оя | 20 | S | 1 | 1.00 | and the | | |
| 🗆 EDD (Type) | A DESCRIPTION OF A DESC | # of Coolers: | | | ອ)(| ро | etə | (| | richar when | | _ |
| | | Cooler Temp(Induding CF): | naluding CF): 5 | 3 to 1 = 5 4 (°C) | 1 91 | leth | W 8 | AO | | | | |
| Date Time Matrix | Sample Name | Container Type and # | Preservative Type | HEAL NO. | (\X3T8 08:H9T 08:H9T | M) 808 | PAHs b RCRA 5 CL, F, E | v) 0928 | 8) 0728 Total Co | | | |
| 050.7 | 4/ES22-10 1' | | 2 | 001 | | |) > | | | a cura lo ma | | |
| 517:6 | BESS-07 2.5' | | | 002 | 1 | 2 C 26 | | a destruction of the | and the late | petro when | and the second | |
| 6:20 | 8ESZ2-11 Z.S' | | | 003 | | | A STR. SA | a nev a ch | car addrects | to anytes the character also that the charac | All and All | |
| 55.6 | BESE -27 3' | Leep (c) | | POOL | | 10 A | | and the second se | A the second sec | the transmission | An and a second s | |
| 00:01 | Ð | | and the state of t | 005 | | | di si tata si an | in control W | | | 100 B-100 B-100 100 B-100 B-100 100 B-100 | |
| 50:01 | 3.2 | | (| 006 | | | a dia ma | an an ar | dam Debri | and the second | tai ati | |
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| Keleased to Imaging: 5///20 | 23 9:50:12 AM | | | | | | | | | | | • |

ATTACHMENT 8



Dhugal Hanton <vertexresourcegroupusa@gmail.com>

Papa Fritas 27 CTB 1, 30 day extension

2 messages

Dhugal Hanton <vertexresourcegroupusa@gmail.com> To: "Enviro, OCD, EMNRD" <OCD.Enviro@state.nm.us>, "Bratcher, Mike, EMNRD" <Mike.Bratcher@state.nm.us>, "Billings, Bradford, EMNRD" <bradford.billings@state.nm.us>, "Nobui, Jennifer, EMNRD" <Jennifer.Nobui@state.nm.us>, "Hensley, Chad, EMNRD" <chad.hensley@state.nm.us>

Vertex is requesting a 30 day extension for Papa Fritas 27 CTB 1

nAPP2210924425, release date 4/18/2022

and

nAPP2127146416, release date 9/28/2021,

We are currently excavating and have collected confirmation samples. The excavation is almost complete and we are generating the report with the expectation that it will be ready within 30 days.

Please let me know if you have any questions or concerns.

Thank you,

Kent

Kent Stallings P.G. Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 C 346.814.1413 F

www.vertex.ca

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Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> To: Dhugal Hanton <vertexresourcegroupusa@gmail.com> Page 365 of 379

Kent,

Remediation plans were due for **incident NAPP2210924425 on 07/18/2022 and incident NAPP2127146416 on 12/28/2021**. Due to the requests being outside the 90 day guideline, the extension requests are denied. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave.| Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

http://www.emnrd.state.nm.us/OCD/



From: Dhugal Hanton <vertexresourcegroupusa@gmail.com> Sent: Friday, October 21, 2022 10:37 AM To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Billings, Bradford, EMNRD <Bradford.Billings@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Hensley, Chad, EMNRD <Chad.Hensley@emnrd.nm.gov> Subject: [EXTERNAL] Papa Fritas 27 CTB 1, 30 day extension

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

[Quoted text hidden]

ATTACHMENT 9

DEVON ENERGY Papas Fritas 27 CTB 1

Work Plan - Preliminary

UL O, Section 27, T23S, R29E Eddy County, New Mexico

> NAPP2127146416 NAPP2129171458

October 6, 2021



Prepared for:

Devon Energy 6488 Seven Rivers Hwy Artesia, NM 88210

By:

Safety & Environmental Solutions, Inc. 703 East Clinton Hobbs, New Mexico 88240 (575) 397-0510

Company Contacts

| Representative | Company | Telephone | E-mail |
|----------------|--------------|--------------|------------------------|
| Wes Mathews | Devon Energy | 575-578-6195 | Wesley.Mathews@dvn.com |
| Bob Allen | SESI | 575-397-0510 | ballen@sesi-nm.com |

Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was contracted by Devon Energy to assess a release at the Papas Fritas 27 CTB 1 location. This site is situated in UL O, Section 27, Township 23S and Range 29E, in Lea County New Mexico. We are addressing the release in this plan which will be remediated upon plan approval.

According to the NOR for incident NAPP2113158013, corrosion on a fitting resulted in the release of 150 bbls of produced water. A vacuum truck was dispatched and recovered 125 bbls free-standing fluid.

This workplan addresses two incident numbers, NAPP2113158013 & NAPP2127146416. This single event was documented or reported twice, one is a duplicate.

Surface and Ground Water

According to the NMOCD Oil and Gas Map, there is no surface water within 3,000 feet of this location and spill areas. Depth to groundwater determination was not successfully established based on the guidelines required by NMOCD; therefore, Devon will remediate these spills according to the most stringent criteria set forth by NMOCD in NMAC 19.15.29.

Characterization

The release has been fully delineated both vertically and horizontally, which includes establishing horizontal and vertical extent of delineation to the most stringent standard of 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene.

Release Area (NAPP2113158013), Investigation

SESI personnel tracked and mapped the release and sampled the area to achieve both vertical and horizontal delineation. Samples were taken at the surface and 1-foot intervals until field testing indicated the samples to meet target levels. The horizontal extent samples are denoted on the map with an H beside the sample number. The samples were properly preserved and packaged and sent to Hall Environmental Labs for testing. The results of the analytical are captured in the summary table below.

| Sample ID | Chloride | ТРН | Sample ID | Chloride | TPH |
|-------------|----------|-----|--------------|----------|-----|
| AH-1 @ Surf | NT | NT | AH-9 @ Surf | NT | NT |
| AH-1 @ 1' | 2220 | NT | AH-9 @ 1' | <108 | 07 |
| AH-1 @ 2' | 160 | 01 | | | |
| | | | AH-10 @ Surf | NT | NT |

Table 1 – Field Test Samples

| | 1 | 1 | r | | | |
|-------------|----------|--------|----------|--------------|----------|-----|
| AH-2 @ Surf | NT | NT | | AH-10 @ 1' | 1532 | NT |
| AH-2 @ 1' | 2604 | NT | | AH-10 @ 2' | 220 | 12 |
| AH-2 @ 2' | 1648 | NT | | AH-11 @ Surf | NT | NT |
| AH-2 @ 3' | 160 | 05 | | AH-11 @ 1' | 1648 | NT |
| | | | | AH-11 @ 2' | 108 | 04 |
| AH-3 @ Surf | NT | NT | | | | |
| AH-3 @ 1' | 160 | 03 | | AH-12 @ Surf | NT | NT |
| | | | | AH-12 @ 1' | 1532 | NT |
| | | | | AH-12 @ 2' | 188 | 10 |
| AH-4 @ Surf | NT | NT | | | | |
| AH-4 @ 1' | 1648 | NT | | AH-13 @ Surf | NT | NT |
| AH-4 @ 2' | 188 | 05 | | AH-13 @ 1' | 1772 | NT |
| | | | | AH-13 @ 2' | 220 | 09 |
| AH-5 @ Surf | NT | NT | | | | |
| AH-5 @ 1' | 1772 | NT | | AH-14 @ Surf | NT | NT |
| AH-5 @ 2' | 188 | 02 | | AH-14 @ 1' | 1648 | NT |
| | | | | AH-14 @ 2' | <108 | 10 |
| AH-6 @ Surf | NT | NT | | | | |
| AH-6 @ 1' | <108 | 01 | | AH-15 @ Surf | NT | NT |
| | | | | AH-15 @ 1' | 2604 | NT |
| AH-7 @ Surf | NT | NT | | AH-15 @ 2' | <108 | 03 |
| AH-7 @ 1' | 1772 | NT | | | | |
| AH-7 @ 2' | 188 | 07 | | | | |
| | | | | | | |
| AH-8 @ Surf | NT | NT | | | | |
| AH-8 @ 1' | 1648 | NT | | | | |
| AH-8 @ 2' | 252 | 04 | | | | |
| | | Horizo | ntal San | nples | | |
| Sample ID | Chloride | TPH | | Sample ID | Chloride | TPH |
| H-N Surf 1 | <108 | NT | | H-S Surf | 252 | NT |
| H-N Surf 2 | <108 | NT | | H-E Surf 1 | 108 | NT |
| H-W Surf 1 | <108 | NT | | H-E Surf 2 | 252 | NT |
| H-W Surf 2 | 220 | NT | | | | |
| H-W Surf 3 | 220 | NT | | | | |
| H-W Surf 4 | 252 | NT | | | | |

Release Area (NAPP2113158013), Action Plan

Based on the results above for vertical extent samples AH-1 through AH-15, SESI respectfully recommends the entire leak of release area be remediated to a depth of 2 to 3 foot where applicable. The excavation area is outlined in the map of this release located in this report. Once this remediation plan is approved, Devon will perform the remediation and all removed soil will be disposed of in an OCD-approved landfill. Devon will then conduct both bottom and sidewall confirmation sampling to ensure all contaminated materials have been removed to the most stringent criteria established by NMOCD. Upon receipt of lab results verifying all contaminants have been removed, Devon will backfill the site with uncontaminated soil. If it becomes apparent that facility equipment and/or structure integrity is compromised, SESI respectfully requests deferment of those areas until a later date. If this happens, pictures of the area of equipment/structures will be provided to provide evidence of deferral necessity.

SESI, on behalf of Devon respectfully submits this remediation plan and requests approval at your earliest convenience. Upon approval, remediation efforts will be conducted within 90 days.

Supplemental and Supporting Documentation

Evidence Document 1: Map of Release area, with vertical and horizontal extent sample locations

Evidence Document 2: NMOCD Oil and Gas Topo map detailing area water features Evidence Document 3: BLM Cave Karst map showing location in low potential area Evidence Document 4: FEMA demonstrating minimal flood hazards for this area Evidence Document 5: Lab analysis for Release area, 6/16/21





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Both Estates

SiteBoundaries

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Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department, OCD, Maxar

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Papas Fritas CTB J-27-23S-29E Karst Map - Medium

32.27164100, -103.9697222 Papas Fritas CTB





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USGS Water Resources

Data Category: Geographic Area: ~ roun ater е e ico

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

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

CONDITIONS

| Operator: | OGRID: |
|-------------------------------------|---|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 163423 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

Created By Condition

We have received your closure report and final C-141 for Incident #NAPP2129171458 PAPAS FRITAS 27 CTB 1, thank you. This closure is approved. 3/7/2023 rhamlet

CONDITIONS

Action 163423

Condition Date